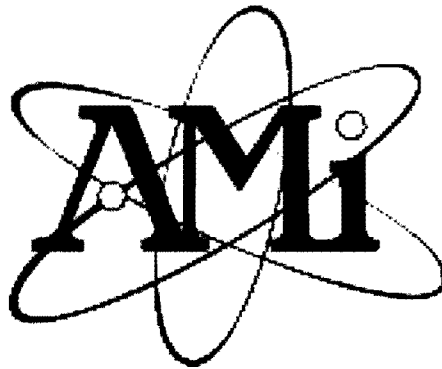


Advanced Medical Imaging Re-Design

An Honors Thesis (HONRS 499) by:

Lee Miller



Thesis Advisor:
Janet Fick

A handwritten signature in cursive script that reads 'Janet Fick'.

Ball State University
Muncie, Indiana

Submission:
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May 3, 2008

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Abstract

The creative project I chose to complete for my Honors thesis aligns with the requirements for an Interior Design senior project, which it also served as. The purpose of the senior project is to represent what has been learned through the four-year program in Interior Design that Ball State offers. From programming to construction documents, the project I have completed is very similar to one which might be completed by an interior designer working in the professional world.

The following contents detail the design process through the two semesters of work on my chosen project. The beginning of the packet contains a lengthy introductory paper. The paper is a full explanation of how this particular project came about, what the requirements were for the project, and the different phases my creative process took. The paper details my concept for the project as well as goals and issues to avoid.

The first pages included after the introductory paper are printouts of a schematic presentation which include initial layout ideas. The second set of printouts is of a midterm presentation with mostly complete plans and the beginnings of my finishes, furniture and lighting choices. There is also a programming manual, a second part of the midterm requirements. The rest of the included documents are the final requirements for my senior project. These include presentation boards, which feature inspiration, a design summary, floor plan, and perspective drawings. Then there are construction documents detailing the demolition and new construction, ceiling, lighting, finishes, furniture, and

floor pattern plans as well as details and elevations. Lastly, I have included manuals for finishes, furniture, and lighting as well as several schedules and three specification sections for various finishes.

The finished product is a good representation of Interior Design for people unknowledgeable of the Interior Design profession. Without going into too much detail, one can see the variety of required processes from initial planning to prepare the project for construction.

Introduction

Upon entering my senior year, I was required to find an existing facility on which to base my final studio project. The requirements were that the building had to be a minimum of 5,000 square feet and of commercial use. The first portion of the project was completed in Programming (FCSMR 390), in Fall 2007. For this class we completed initial programming to find out client's needs and wants and analyzed issues with the building in order to determine how to improve the current facility. Then, in Spring 2008, we entered into the schematics and final construction phase of the project, Studio 6 (FCSMR 484). Here we used what was learned in Programming to determine the best solutions and then narrow that down to one design, for which we completed construction documents.

The facility I chose to complete my project is Advanced Medical Imaging in Kokomo, Indiana. The facility is a medical office building run by two radiologists who work in conjunction with a staff of administrative assistants, a business manager, and technicians who complete patient exams using X-Ray, mammography, bone density,

nuclear medicine, CT, MRI, P.E.T., and ultrasound technology. Advanced Medical Imaging houses state-of-the-art imaging equipment to provide the best results and care for its patients. The facility has been in business and serving the community of Kokomo since 2003. Advanced Medical Imaging is located in an area of the city where there are other small medical facilities such as dental offices, OBGYN, and family practice offices. There are also other imaging centers located nearby in competition with AMI. While AMI uses advanced technology and is housed in a fairly new building, the facility has some issues. If these issues affected Advanced Medical Imaging's facility were to be resolved and better functionality implemented, it would improve employees' and patients' experience, which could improve AMI's livelihood.

My first visit to the facility was in August of 2007, just a week after the semester began. I spent several hours at the facility, speaking to everyone present that day about concerns they had and ideas for improvement. They all expressed some concerns with the building that interfere with or affect their daily work. I also spoke with the business manager, who was my main contact during the project.

Programming

Through the semester of programming, a series of assignments were completed in order to gain a full understanding of problems and the ways in which the users of the building function. Some of the assignments completed were developing design issues, client needs, an information index, a criteria matrix, and design benchmarks. These involved revisiting the facility, visiting other facilities to compare and contrast, going over client concerns, researching trends, and much more.

Design Issues (Developed as part of Programming)

I developed a list of design issues to address. These are mostly based on concerns expressed to me by the staff of Advanced Medical Imaging.

1. Storage- The current facility lacks storage in several areas of the building. The reception and open office area could really benefit from an addition to upper storage cabinets. These would be visible from the lobby and would hide the clutter that currently sits on top of the base cabinets. The CT/MRI and Mammography/Bone Density control rooms lack storage as well in the form of upper and lower cabinets. Again, more storage eliminates unsightliness of clutter and makes staff feel as though they are in a more pleasant environment. Storage for patients is limited as well in the dressing rooms. The storage drawers are not deep enough to store clothing. Their comfort and feeling of security is very important in a place where they may feel vulnerable.

2. Privacy- Privacy is very much a concern in the existing facility. The reception office needs to be less audible from the lobby for staff privacy. Areas of the reception office that are used by staff are open to patients' view, which isn't necessary or wanted. There are currently two workstation areas further down from the reception desk that are totally open to the lobby above counter height. If these were closed and staff had more privacy, they could be more comfortable and efficient in their work. The workstations central to the open office lack privacy as well, which again, can make staff feel uncomfortable.

3. Audibility-Because the current lobby and reception are very open, noise travels easily from one place to another. This is an overall issue in the building. In the same area that the office lacks privacy from the lobby where workstations are open above counter height, noise is able to travel to and from the lobby and reception.

4. Circulation- Circulation needs to be improved in order to increase patient and staff satisfaction with the facility overall. In order to maximize existing amenities, the unused transaction spaces should be closed off and made into staff workstations. The existing dressing rooms are closed off by accordion doors. These are a problem in that they do not give patients enough privacy and the option to lock the door when dressing. Also, they are difficult to get out of as there aren't door handles on the inside of the rooms. These have been removed with the new plans for the imaging center. In addition, one of the door frames in the building has been damaged because the door frame across the corridor from it is too narrow to move cots in and out of and the corridor is too narrow. In the new plan, doorway clearances and corridor widths are an important consideration to ensure staff and patients can easily enter and exit rooms.

5. Comfort- Comfort is a key issue and an important factor to any facility providing a service such as Advanced Medical Imaging does. The furniture in the lobby looks as though it may be sufficiently comfortable. However, they aren't appropriate for commercial healthcare use because they do not provide enough support for physically weak or elderly people and are difficult to get up from. More appropriate and supportive seating is a necessity.

6. Durability-The finishes in the current facility have not held up as long as they should have and need to be replaced. Since I am re-designing the entire facility, the current conditions of some of the finishes are a good example for me of what not to specify and have directed me toward looking at other options. The carpeting in the reception office show wear and stains and are unsightly. The vinyl composition tile used in the exam rooms and corridors is beginning to split apart because of the heavy equipment moved around the facility.

7. Visibility- Natural and artificial lighting are both an issue in the existing space. The lighting conditions in these two rooms can be bothersome to patients and staff on very bright days. The fluctuation of lighting during the day can also be bothersome, particularly to staff. Relocation of affected rooms is a consideration as well as a professional blind/louver system to control natural daylight. Artificial lighting, too, is an issue in some exam rooms where light shines directly in patients' eyes, such as in the MRI room. This problem will be taken into consideration when working on the lighting plan.

Though there are more issues than these seven, these are the main issues that I have researched for ways to improve and have taken most into consideration when during the re-design in schematics and in the final design.

Concept and Goals

Concept: The re-design of Advanced Medical Imaging, based on the idea of a day spa, will create an environment that meets patients' comfort and medical needs. In addition, it will provide a comfortable work environment for staff. The new design will promote efficient exams and a pleasant experience for patients. It will provide a sense of pride in work for staff and will offer personalized care in visits for patients.

Tangible Goals:

- Barrier between lobby and reception
- Adequate storage throughout facility
- ADA accessibility throughout space
- Adequately equipped rooms (especially in conference and break rooms)
- Proper sizes and space in all exam rooms
- Supportive furniture in facility
- Appropriate natural and artificial lighting
- Updated finishes
- Design that allows for state-of-the-art technology
- Design that allows for quick and accurate patient visits

Intangible Goals:

- More welcoming environment for patients
- Atmosphere that is relaxing and provides peace of mind
- Design that supports a strong reputation among local doctors and hospitals
- An environment that fosters open communication among staff
- An enjoyable and comfortable work environment
- A feeling of privacy for patients when in facility
- Design that takes into consideration employees' needs and motivates their work
- An environment that makes patients feel they are treated especially for their needs
- An environment that fosters open communication between patients and staff while maintaining confidentiality
- Appropriate balance of medicinal and therapeutic in the environment

Schematics

Upon entering the second and final semester, we were asked to research benchmark projects—those that were an inspiration to our own projects with elements

that could be implemented. In addition we were to find design trends particular to our area of design. Some benchmark projects or medical office buildings I found include the TMC Advanced Imaging in Goodyear Arizona, designed by the Stein-Cox Group. This imaging center features warm and inviting finishes, privacy to the reception office, lighting fixtures and wood touches, all of which I like. The MemorialCare Breast Center in Anaheim, California, designed by Taylor & Associates Architects features a contemporary but relaxed environment, well-equipped dressing rooms, a mixture of curvilinear and angular features, and use of metal and glass, which I like as well. The last benchmark of an existing facility I found I appreciated was the Resurrection Medical Center in Chicago, designed by Loeb Schlossman & Hackl. This facility features warm lighting, curvilinear features, and an impressive reception desk.

The other main portion of my research was on trends in the healthcare industry. One really helpful article I found and read was *The Role of the Physical Environment and Social Environment in Promoting Health, Safety, and Effectiveness in the Healthcare Workplace*, by the Center for Health Design:

- It is important for family to be accommodated and incorporated into a patient's care.
- Healthcare work is more effective when practitioners work in well-developed teams and interdependently of patients a family.
- It has also been found that healthcare has moved from treating patients physically to more holistic treatment—emotionally and spiritually also
- Physical environment affects health and safety of healthcare employees

- Back pain is common among healthcare workers, ergonomics is important to their jobs—softer floors, evaluation of workspaces needed
- Office areas for interactive work are important, staff lounges, neutral zones as well as dedicated spaces
- Inadequate lighting and chaotic work environments increase the likelihood of error
- Similarly equipped rooms help people avoid confusion

From the article *The Marriage of Form and Function: Creating a Healing Environment* by KI, I found the following trends:

- A healing environment is not only one that takes care of the patient but the family of the patient and the caregivers or healthcare workers
- Bring the outside in
- Lounge area for staff to relax in
- Concealed storage
- Finishes and furnishings that give a home-like feel

One other thing we were asked to consider during schematics was finding an item or concept of inspiration that we could base our design on in order to make it stronger.

Because several of the trends of the healthcare industry that I found relate to comfort and healing environments, I decided I would implement a day spa theme in my design. I decided I would create an environment pleasing and comfortable to staff and patients through what I found about spa design. The finishes too would reflect the color schemes of many day spas—soothing greens, yellows, and blues and a mix of materials such as

wood, glass, and metal. This theme benefits the new design because it will provide a healing, restorative environment and it will improve patients' feelings toward medical facilities. Most patients, whether visiting any kind of medical or dental office, feel some apprehension about their visit. The calming finishes and relaxing environment will make people more comfortable and give them a different attitude toward medial appointments.

Construction Documents

After midterm reviews and any last changes had been made to the final plans, I was ready to begin the construction document phase. The final documents due for the project were a set of construction documents 18"x24" at least twenty pages long, two presentation boards 24"x36" and manuals for lighting, furniture and finishes, as well as schedules and specifications for three different finishes.

My construction document list is as follows:

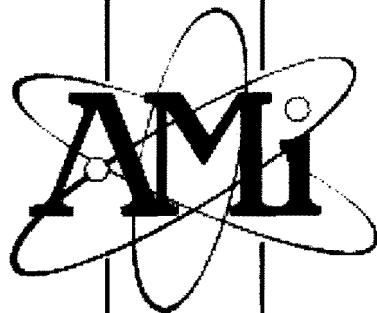
- A1 Coversheet
- A2 Existing Floor Plan
- A3 Demolition Floor Plan
- A4.1 Construction Floor Plan
- A4.2 Construction Enlarged Plans
- A5.1 Interior Elevations
- A5.2 Interior Elevations
- A5.3 Interior Elevations
- A5.4 Interior Elevations and Sections
- A6.1 Interior Sections

- A6.2 Interior Sections
- A6.3 Interior Sections
- A7 Interior Partition Types and Details
- A8.1 Door Elevations and Details
- A8.2 Door and Window Schedule, Window Details
- A9.1 Finishes Plan
- A9.2 Finishes Schedule
- A9.3 Floor Patterns
- A9.4 Enlarged Floor Patterns
- E1.1 Reflected Ceiling Plan
- E1.2 Lighting Schedule
- F1.1 Furniture Plan
- F1.2 Furniture Schedule

Conclusion

With this project being the most complete project I have completed in my education at Ball State University, I have learned a lot and have improved my abilities. I have been able to apply what I've learned in different classes throughout the last four years. The two semesters dedicated to this project have also helped ensure time to complete the start-to-finish process. I am glad that plenty of time was allotted for programming. Through meeting with my clients and completing assignments in FCSMR 390 and additional programming in FCSMR 484, I was given ample time to decide what needs to be changed from the current design and develop ideas for improvement.

Developing goals and a concept statement helped me decide what was most important in my design. A schematics phase with several reviews with my professor helped me draft a few floor plans and narrow down the best option. The construction document phase was intensive, but is very important because it illustrates the complexity of the project and how it is to be completed. Overall, even though I have had experience in most design phases that were completed in this project, I still learned quite a lot. This project has shown itself to be a culmination of my skills and talents as an interior designer and has definitely prepared me for the professional world.



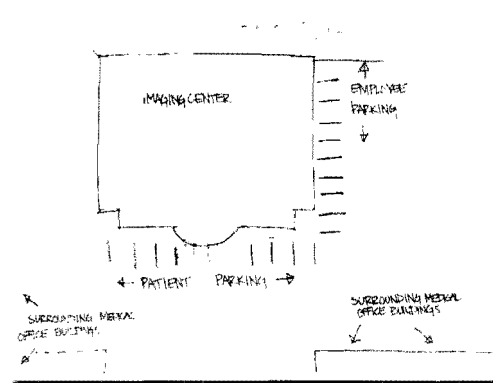
Schematic Studies FCSMR 484
Lee Miller January 24, 2008

Introduction to the project . . .



Advanced Medical Imaging
2008 West Boulevard Kokomo, IN 46902

Site plan:



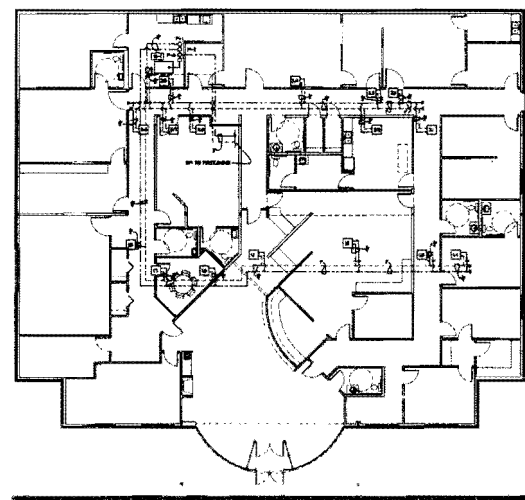
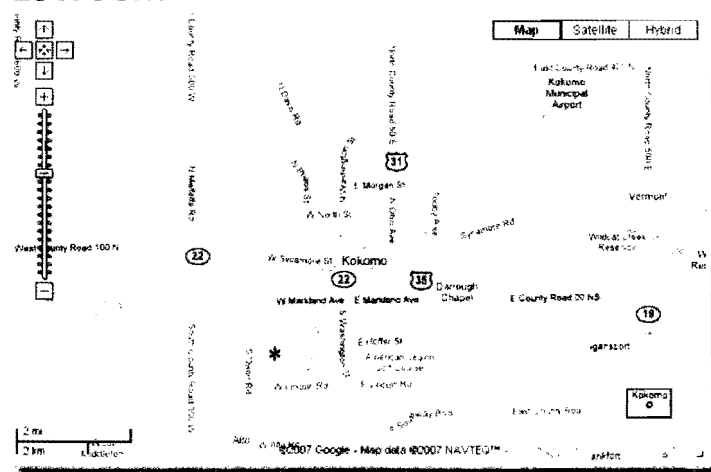
Client:

--main client: office manager, female, early 30s,

--other clients: all employees, male and female, young adult to middle-aged

--patients: all ages, male and female, mainly middle-aged to elderly

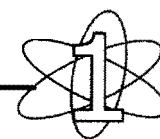
Location: *

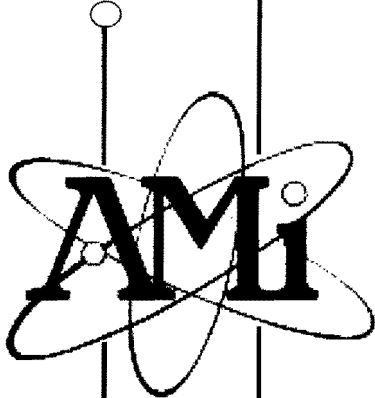


Existing plan:

Mission:

My mission for this project is to serve my client by providing her and her employees with the needs and wants they have for improving the facility in a well-organized and well-thought out design. Through addressing all issues concerning employees and patients of the space, I intend to provide a more sound and efficient facility. I will effectively address the issues I have found through researching the best solutions and will implement them in a well-planned design. Addressing and achieving the goals I have set will provide employees and patients with satisfaction in knowing their needs have been met.



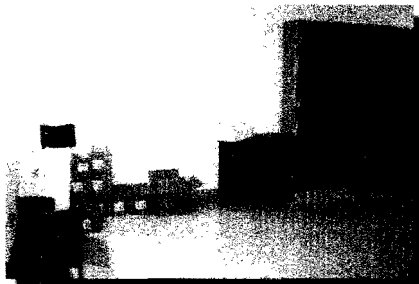


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Lee Miller January 24, 2008

Goals for the re-design . . .

After reviewing my initial program for the project, I have made a list of goals based on client needs for improvement:

- More of a barrier between lobby and reception
- Outlets on all walls
- Storage in exam rooms
- All patient restrooms need to uniform and accessible
- Exam rooms and prep room doorways need to be wide enough for equipment
- Proper doors on dressing rooms
- Ultrasound room needs to be larger than existing
- Better equipped conference room: mini fridge, projection screen, countertop



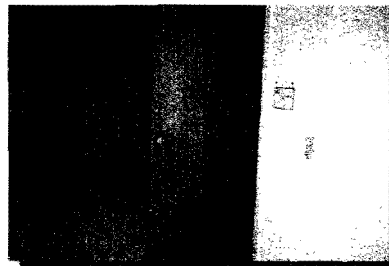
•Proper storage in this room



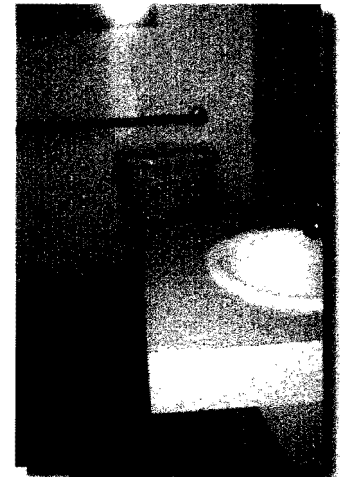
•Reception/office area needs privacy



•Storage on back wall



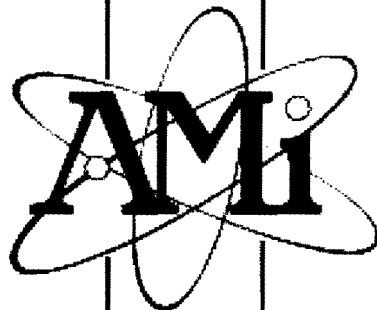
•Accordion doors need to be replaced



•Needs to be ADA accessible!



•Better-equipped conference room



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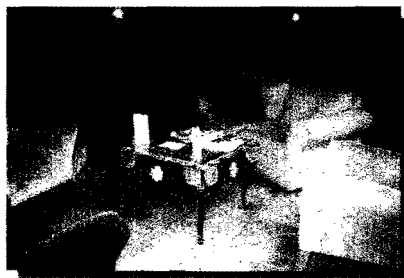
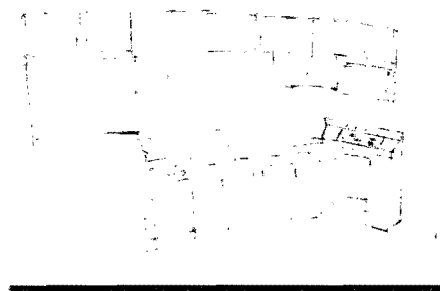
Goals for the re-design . . .

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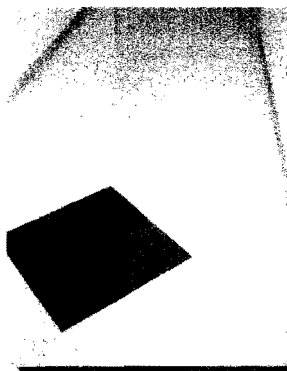
- Appliances needed in kitchen, larger table to seat many
- Break Room/Kitchen further from patient care
- Sliding doors in lobby entrance
- Better storage in dressing rooms
- More supportive furniture in lobby
- Privacy panels in office workstations
- Quiet room away from utilities
- Counterspace in laundry room
- Update finishes in corridor, reception, various exam rooms
- Shading from sunlight in front of building



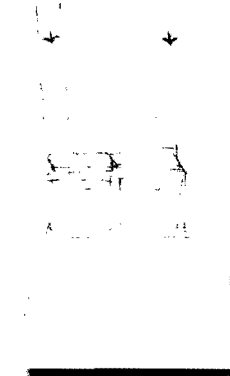
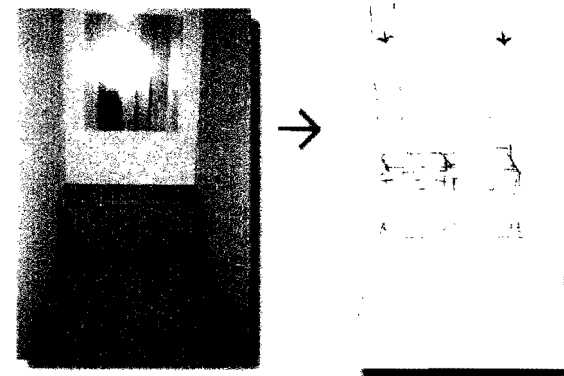
•More amenities in kitchen



•Furniture needs to be improved



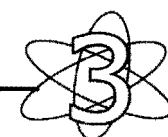
•Updated flooring in corridors

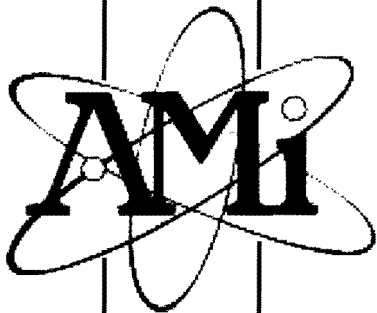


•Improved storage in dressing rooms



•Privacy at these workstations is needed





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Lee Miller January 24, 2008

Inspiration . . .

Warm tones in corridors



www.bydesign1.com/images/nsmic.jpg

Pleasant lighting



www.hcd07.com/.../PresBrainsuite.jpg

Aventon Collection
Studio Q

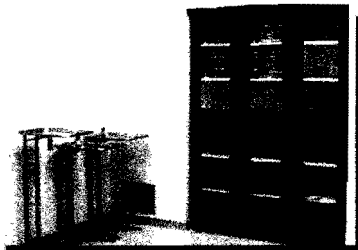


<http://www.studioqfurniture.com/products.cfm?Action=Det&Cat=lounge&ID=116>

Miscellaneous:

- Centrality
- Uniformity
- Warmth
- Comfort
- Support
- Durability

Attractive storage



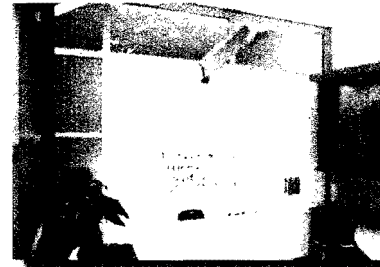
<http://www.azimutharc.com/interiordesign/projects/paincr.html>

Exam room with uniform storage



<http://www.azimutharc.com/interiordesign/projects/cityv.html>

Steelcase Nurture ideas



<http://nurture.steelcase.com/>

Johnsonite iQ flooring



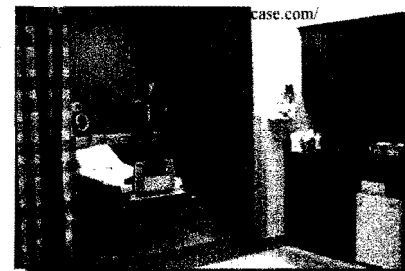
<http://www.johnsonite.com/en/ColorDesign/PhotoGallery/results>

Steelcase Nurture ideas



<http://nurture.steelcase.com/>

Ample storage in exam room



<http://www.azimutharc.com/interiordesign/projects/paincr.html>

Health Design Article



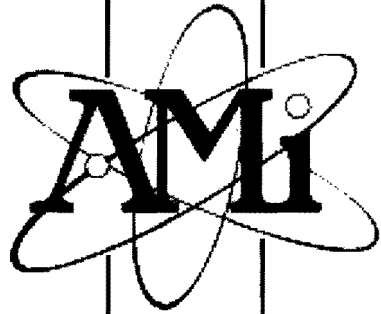
The Role of the Physical and Social Environment in Promoting Health, Safety and Effectiveness in the Healthcare Workplace
David Lewis, Ph.D., Director of Research
The Center for Health Design

http://www.healthdesign.org/research/reports/documents/CHD_Issue_Paper3.pdf

Alexa Collection
Studio Q

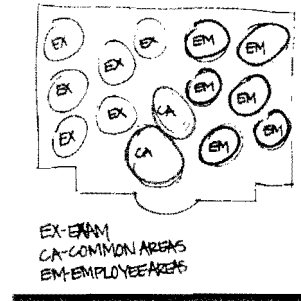
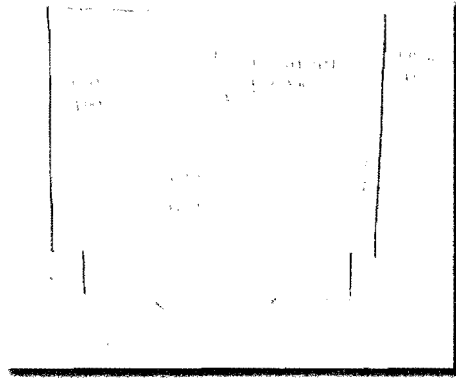


<http://www.studioqfurniture.com/products.cfm?Action=Det&Cat=lounge&ID=308>



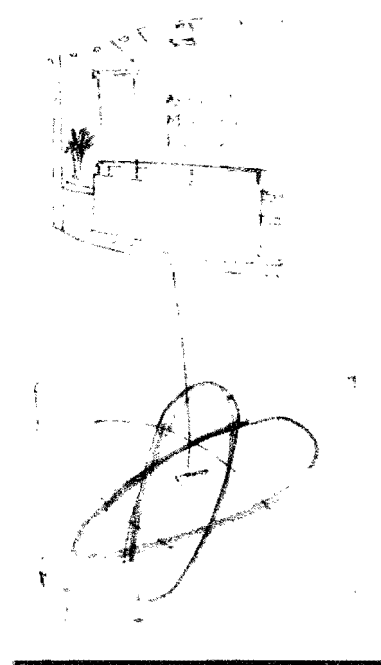
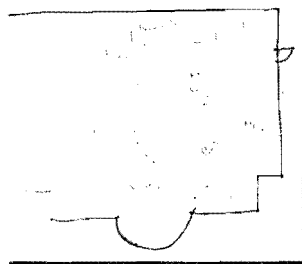
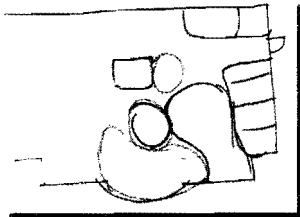
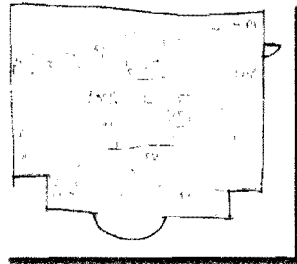
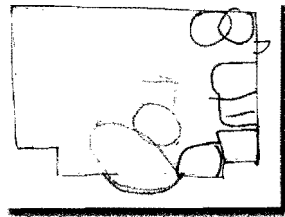
Schematic Studies FCSMR 484
Lee Miller January 24, 2008

Schematic Ideas and Layouts . . .

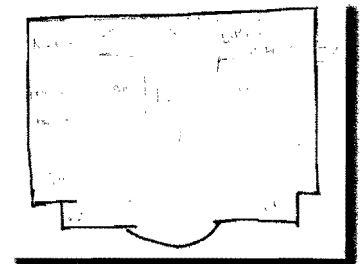
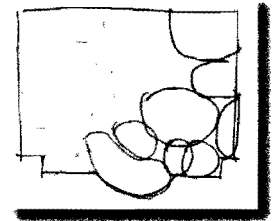


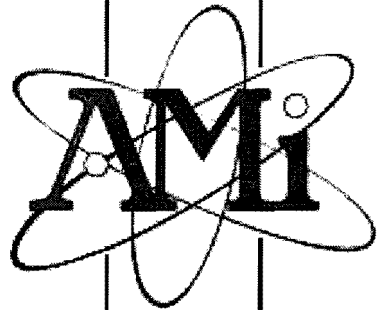
Ideas:

- Centrally located reception accessible to patient and employee areas
- Common office areas together
- Exam rooms near each other



Final Schematic Layout





Advanced Medical Imaging Re-Design

Midterm Presentation FCSMR 484.3 Lee Miller

DESIGN CONCEPTUALIZATION

Concept Statement:

The re-design of Advanced Medical Imaging, based on the idea of a day spa, will create an environment that meets patients' comfort and medical needs. In addition it will provide a comfortable work environment for staff. The new design will promote efficient exams and a pleasant experience for patients. It will provide a sense of pride in work for staff and will offer personalized care in visits for patients.

Tangible Goals:

- Barrier between lobby and reception
- Adequate storage throughout facility
- ADA accessibility throughout space
- Adequately equipped rooms (especially in conference and break rooms)
- Proper sizes and space in all exam rooms
- Supportive furniture in facility
- Appropriate natural and artificial lighting
- Updated finishes
- Design that allows for state-of-the-art technology
- Design that allows for quick and accurate patient visits

Intangible Goals:

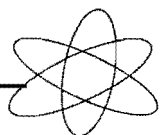
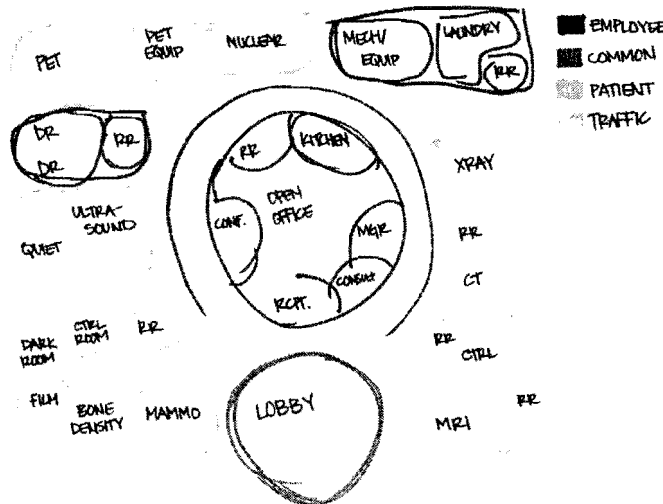
- More welcoming environment for patients
- Atmosphere that is relaxing and provides peace of mind
- Design that supports a strong reputation among local doctors and hospitals
- An environment that fosters open communication among staff
- An enjoyable and comfortable work environment
- A feeling of privacy for patients when in facility
- Design that takes into consideration employees' needs and motivates their work
- An environment that makes patients feel they are treated especially for their needs
- An environment that fosters open communication between patients and staff while maintaining confidentiality
- Appropriate balance of medicinal and therapeutic in the environment

Demographic:

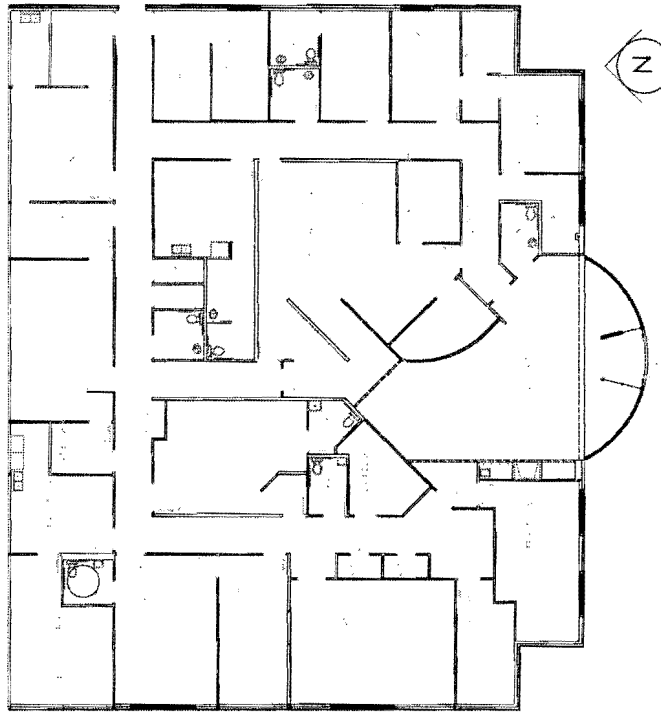
- Staff: 30's to 50's, college education
- Patients: any person needing a medical imaging, men and women, all ages, mainly middle-aged to elderly

Key words:

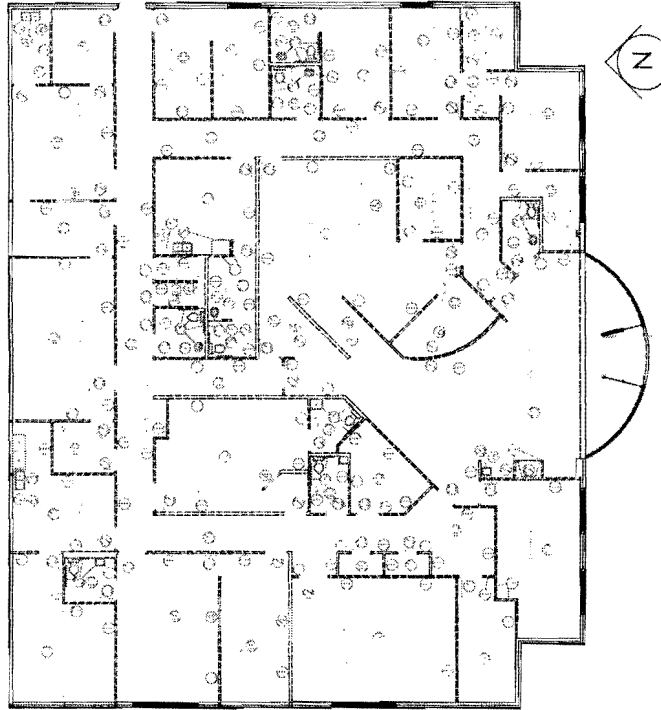
- Relaxation
- Comfort
- Therapeutic
- Durability
- Specialization
- Functional
- Accessible



FLOOR PLANS



EXISTING FLOOR PLAN
SCALE: 1/16" = 1'-0"

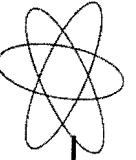


DEMOLITION PLANS

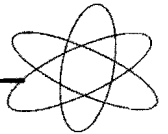
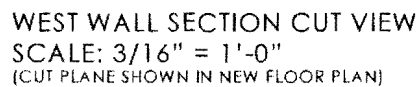
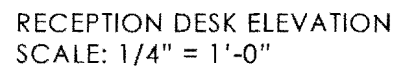
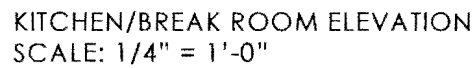
- THE UNIVERSITY OF CHICAGO

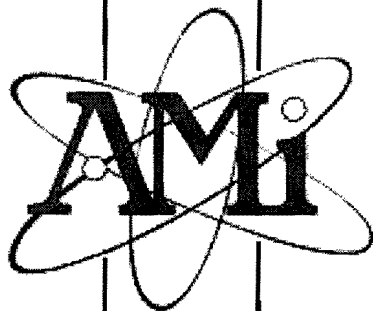
ALL INTERIOR WALLS, DOOR FRAMES, AND WINDOWS ARE TO BE DEMOLISHED. SINKS, KITCHEN APPLIANCES AND SPECIAL EQUIPMENT ARE TO BE REMOVED BUT SAVED FOR FUTURE USE.

DEMOLITION PLAN
SCALE: 1/16" = 1'-0"



Midterm Presentation	FCSMR 484.3	Lee Miller
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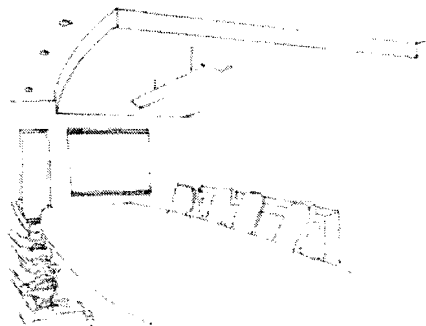




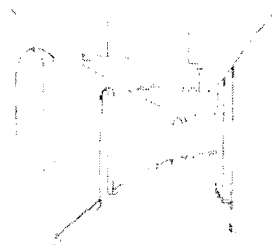
Advanced Medical Imaging Re-Design

Midterm Presentation FCSMR 484.3 Lee Miller

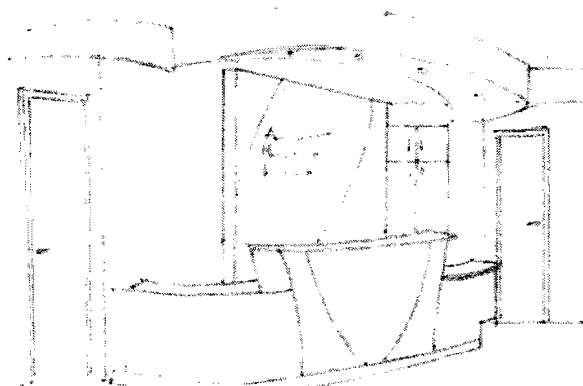
SCHEMATICS AND FURNISHINGS



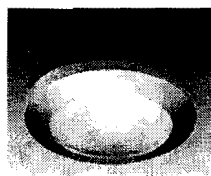
Conference Room Perspective



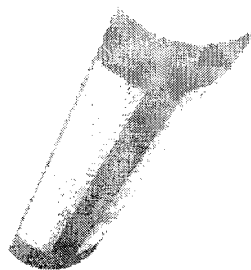
West Side of Main Corridor



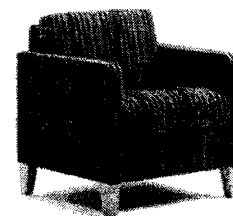
Reception Desk Perspective



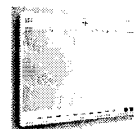
Hera Xenon XR1 Recessed Can



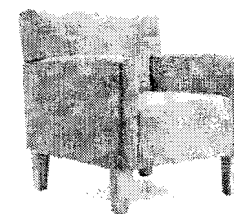
Durado DR Series by Lamar Lighting



Sieste seating by Brayton



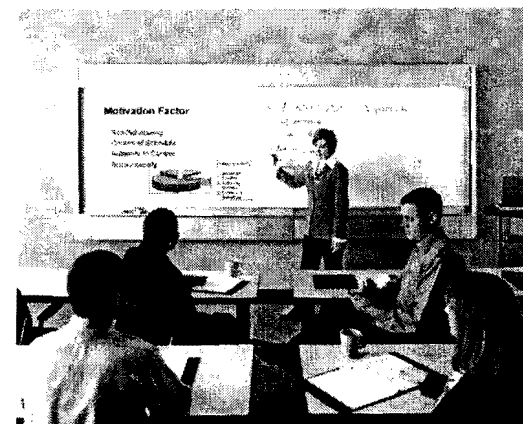
X-Ray Illuminator by Healthcare Lighting



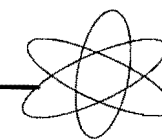
Amaris seating by Softcare

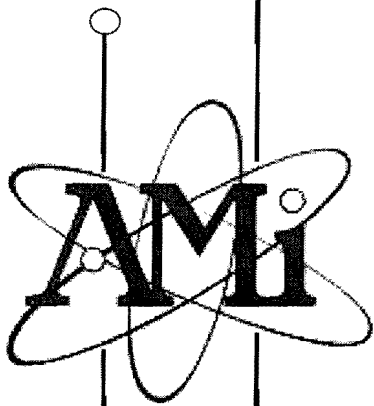


Jenny seating by Steelcase



Steelcase Impulse LTX presentation technology

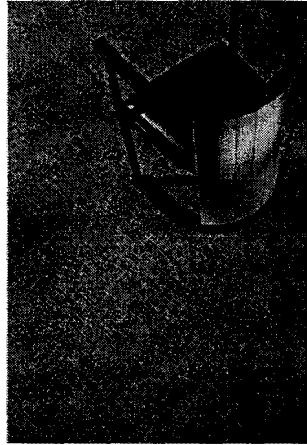




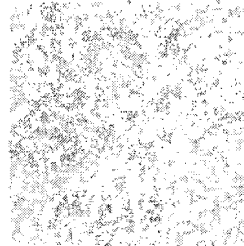
Advanced Medical Imaging Re-Design

Midterm Presentation FCSMR 484.3 Lee Miller

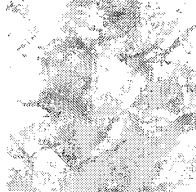
SPECIAL FINISHES



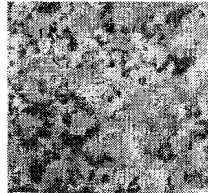
Bigelow Picadilly



Formica Venetian Gold Granite laminate



Chemetal Bounce laminate



Chemetal Franklin laminate



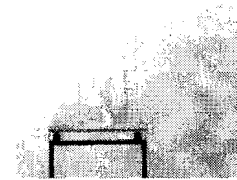
Formica Creme Quarstone laminate



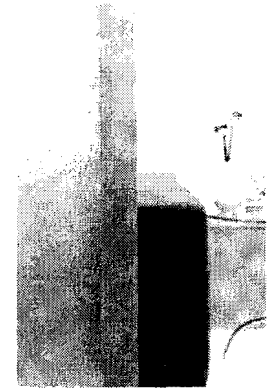
Sherwin Williams
Majolica Green

Sherwin Williams
Moderne White

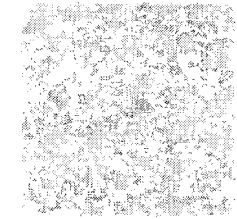
Sherwin Williams
Ramie



3 Form Freeze resin paneling



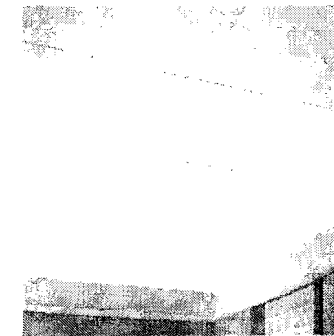
3 Form Scribble resin paneling



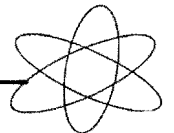
Armstrong Connection Corlan
Light Gold vinyl

Johnsonite Visualizer:

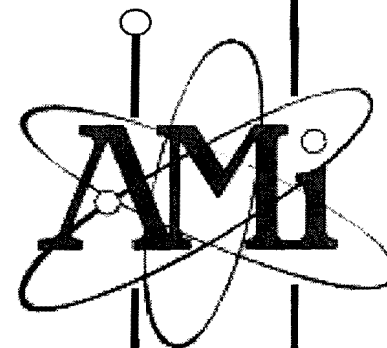
- Benjamin Moore Cascade Mountains paint
- Johnsonite Wallbase Inflection Profile in Snow White
- Johnsonite Optima Homogenous Carmel Infusion flooring



Armstrong Optima grid ceilings



Advanced Medical Imaging: Project Program

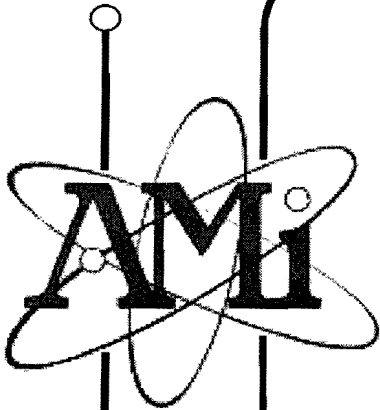


Lee A. Miller

FCSMR 484

Sect. 3

Program Addendum



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Appendix

end of addendum

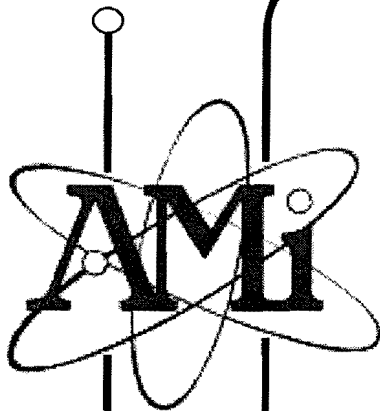
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Project Summary

Project Summary

BASIC HISTORY:

Advanced Medical Imaging is a medical facility in Kokomo, Indiana, specializing in medical imaging. Two radiologists who work in conjunction with local doctors, referring patients, run the facility. Advanced Medical Imaging houses state-of-the-art imaging equipment to provide the best results and care for its patients. The facility has been in business and serving the community of Kokomo since 2003. Advanced Medical Imaging is located in an area of the city where there are other small medical facilities such as dental offices, OB/GYN, and family practice offices. There are also

other imaging centers located nearby in competition with AMI. While AMI uses advanced technology, and is housed in a fairly new building, the facility has some issues. If these issues affecting Advanced Medical Imaging's facility were to be resolved and better functionality implemented, it would improve the employees' and patients' experience, which could improve AMI's livelihood.

SCOPE OF THE PROJECT:

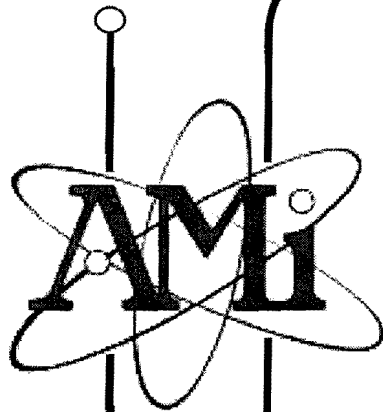
A few months ago, I visited the facility during business hours and spoke with several employees.

They all expressed some concerns with the building that interfere with or affect their daily work. I also spoke with the manager, who is my main contact during the project.

In general, storage is a great need throughout the building. Other changes my clients would like to see include a better noise barrier between the lobby and reception area, optimizing space in reception to allow for more workspace, more outlets for equipment, moving some rooms for better utilization, widening doorways, improving patient dressing rooms, changing the lighting plan in some places, providing a blind system in several rooms, more supportive patient seating, more seating in back hallway,

adding appliances to the kitchen, maximize seating in kitchen, and making some spaces into places for storage. In several parts of the building, rooms need to be re-designed to fill the needs of that particular area. For example, there is a mammography waiting room that is rarely used. The clients would like to see this room turned into a restroom for patient use. There are also some issues with the finishes. Some are not durable enough and need replaced; some are just unattractive.





Project Summary

Project Summary

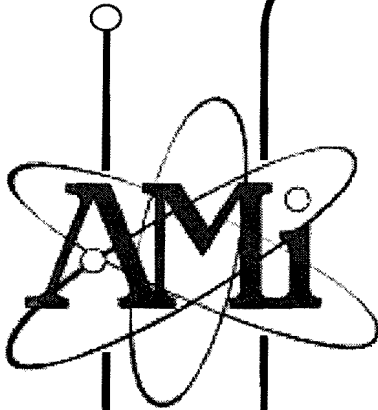
Throughout the programming phase during FCSMR 390, until this semester, I had intended to maintain the original facility layout and just make minor spatial changes with my re-design. However, I have now decided to re-design the entire floorplan, starting with a clean slate and designing the imaging center as if it were new construction. Through this approach I will be able to show more creativity while still keeping in mind the clients' needs in order to design a fully functional facility. I have re-allocated space for all components of the imaging center including the reception and waiting area, exam rooms, offices, utilities, restrooms, etc. I will provide a demolition plan for the existing building, a new floor plan, ceiling plan, furniture layout, lighting layout, and finishes for the entire facility. The facility is all on one level within a square-like structure and is about 10,000 square feet. For the re-design I will be keeping in mind the interior aesthetics and atmosphere of spas. Because medical visits are often dreaded and patients may feel uncomfortable in medical environments, I have been inspired to create a new environment. The re-design I am working on is one that will be relaxing and soothing to patients and comfortably functional for staff. In this way it will reflect a spa atmosphere but will also be a professional and clean environment.

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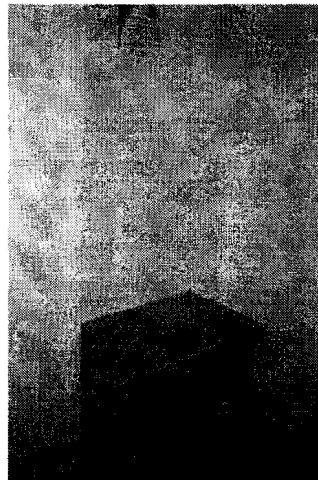
Design Issues

Issue: Storage (Convenience)

The current facility lacks storage in several areas of the building, as show in photos below. The effects on each area are listed below the photos.

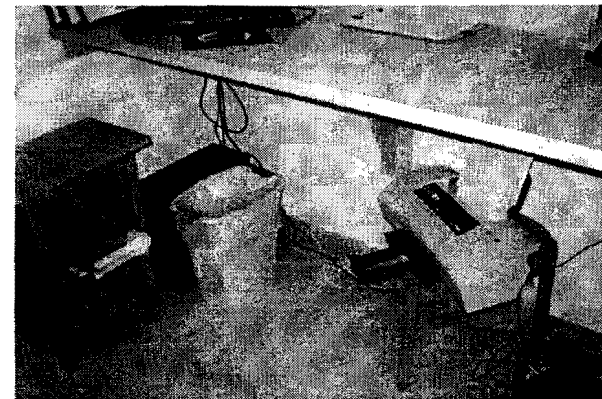


The current storage situation in this control room prevents staff from having a more professional-looking work area and increases the likelihood of clutter. Proper storage would make for a more pleasant and organized workspace.



The storage found in this dressing room, identical to the other three is impractical because patients do not have sufficient space to store items such as outerwear.

This area of the reception office could really benefit from upper cabinet storage because it visible from the lobby.



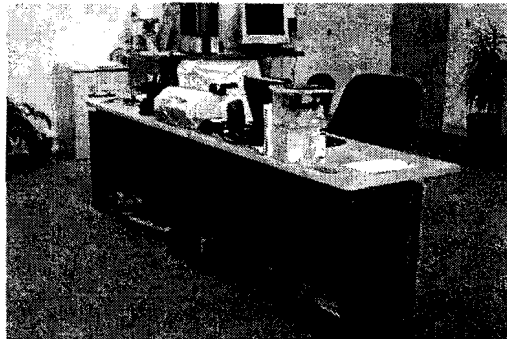
The control room between which staff moves from mam-mography to bone density lacks lower cabinet storage. Having storage for a printer and computer tower would alleviate the unsightliness of cords and be beneficial if storage were needed for other reasons too.

Issue: Privacy

Privacy is very much a concern in the existing facility. The reception office needs to be less audible from the lobby for staff privacy. Areas of the reception office that are used by staff are open to patients' view, which isn't necessary. The effects on each area are listed below the photographs.



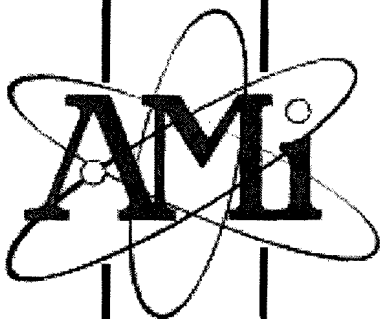
The right side of what's shown in this photograph was meant to be an additional transaction counter to assist patients at, however, it is not used for this purpose. Instead it is used for staff work and needs to be closed off from the lobby to ensure more comfort and productivity.



These central workstations are situated in the middle of the reception office. This placement can make staff working at these desks feel insecure and vulnerable, so it is important to give them privacy in their work.



As apparent in this photograph, the patients in the lobby awaiting their visits have a clear view of what's going on in areas of the reception office. This can make staff feel insecure in their work and needs to be changed.



Design Issues

Issue: Audibility (Noise traveling)

Because the current lobby and reception area are very open, noise travels easily from one place to another. This is an overall issue in the building and is detailed more specifically in the below photographs.



The break room shown in this photograph is located too close to patient care rooms, which is an issue that has been expressed by staff of the facility. The current location of the break room is a contributor to disturbing levels of noise heard in exam rooms from time to time.



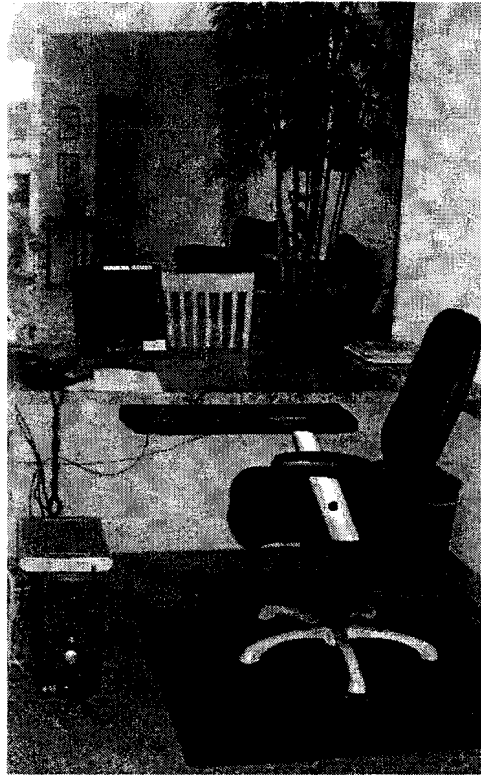
This photograph, taken from the lobby, is evidence of how well patients can see the reception office, and again, evidence of how easily sound can travel from the lobby to the reception office.



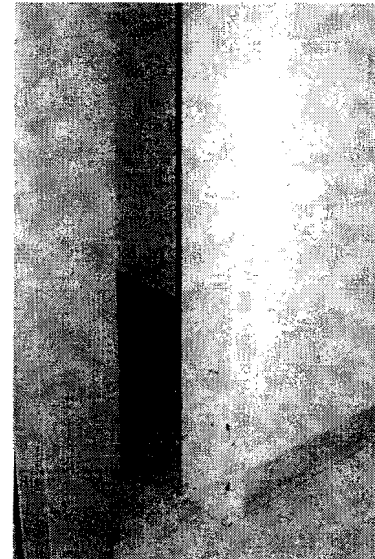
It is easy to see in this photograph how open the reception transaction counters are to the lobby. Unlike some offices where there is a window into the lobby, this countertop is totally open up to the ceiling and creates an easy way for sound to travel from the lobby to the reception office.

Issue: Circulation

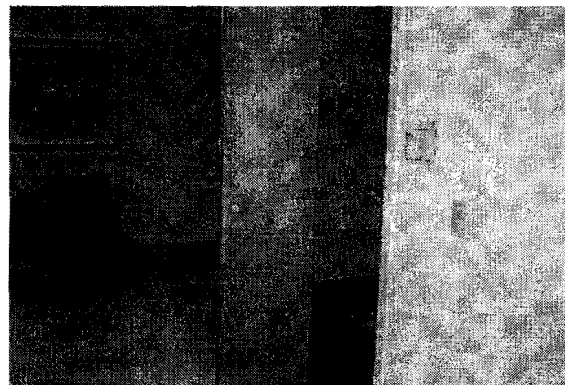
Circulation needs to be improved in order to increase patient and staff satisfaction with the facility overall. The below photographs are examples of spaces where the circulation could stand improvement.



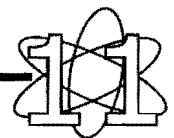
In order to maximize existing amenities, the unused transaction spaces should be closed off and made into staff workstations. However, now that the plan is being totally redone, this unused spaces will not exist, but I will keep in mind maximizing space within the reception office.

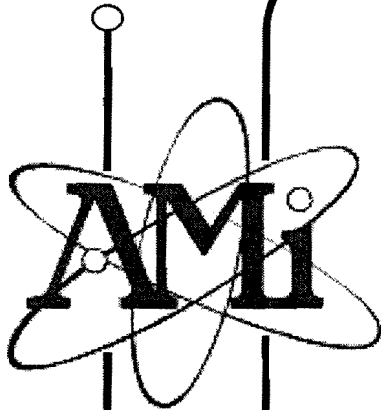


The damage done to the door frame in this photo is because of a doorway across from this one that is too narrow and causes difficulty moving cots in and out of the room. In the new plan, doorway clearances are an important consideration to ensure staff and patients can easily enter and exit rooms.



The existing dressing rooms are closed off by accordion doors. These are a problem in that they do not give patients enough privacy and the option to lock the door when dressing. Also, they are difficult to get out of as there aren't door handles on the inside of the rooms. These have been removed from the new plans for the imaging center.

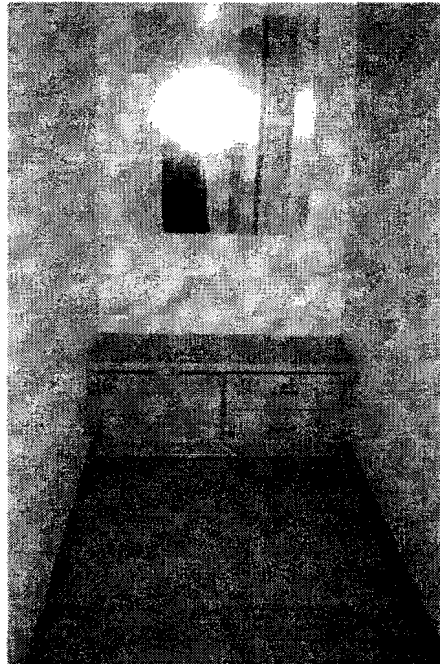




Design Issues

Issue: Comfort

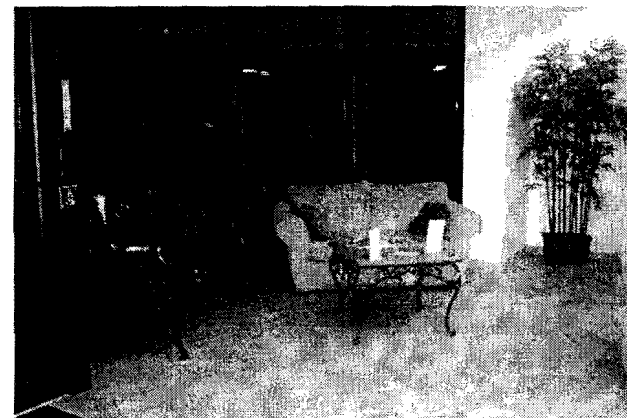
Comfort is a key issue and important factor to any facility providing a service such as Advanced Medical Imaging. The below photographs detail how comfort is an issue in the existing environment.



The dressing rooms patients are provided are inadequate in many ways. The unusually low bench and narrow room may make patients feel uncomfortable and may be difficult to use. It is important to me to provide better changing facilities in the new plan.

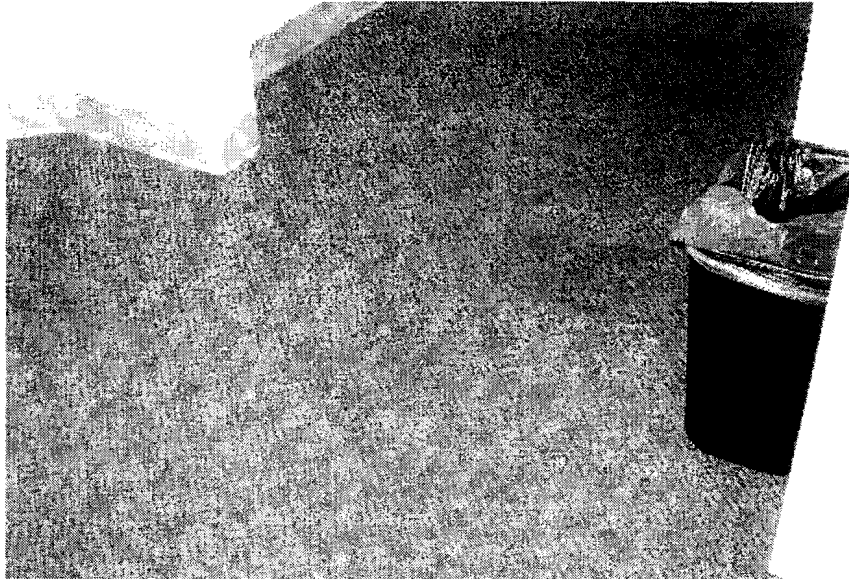


The furniture shown in the above and below photos look as though they may be sufficiently comfortable. However, these aren't appropriate for commercial healthcare use because they do not provide enough support for physically weak or elderly people and are difficult to get up from.

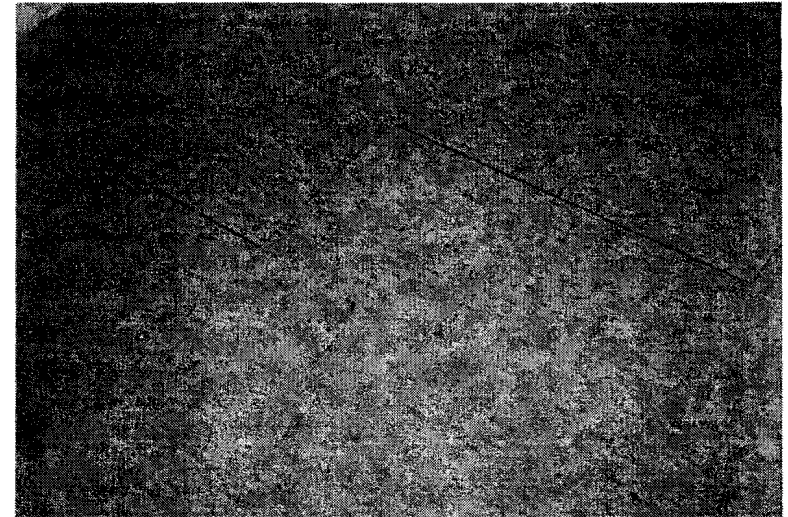


Issue 1: Durability

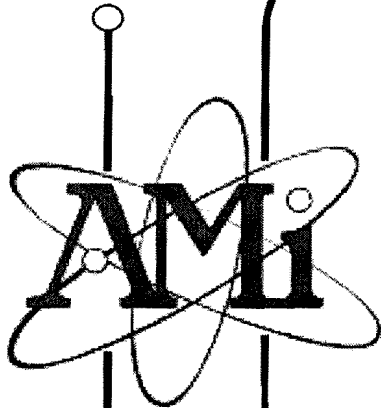
The finishes in the current facility have not held up as long as they should have and would need to be replaced. Since I am re-designing the entire facility the current conditions of some of the finishes are a good example for me of what not to specify and have directed me toward looking at other options.



The carpeting shown in this photo is in the current reception office. The wear and stains are unsightly, and I will be looking at more durable flooring for this area as well as the rest of the building.



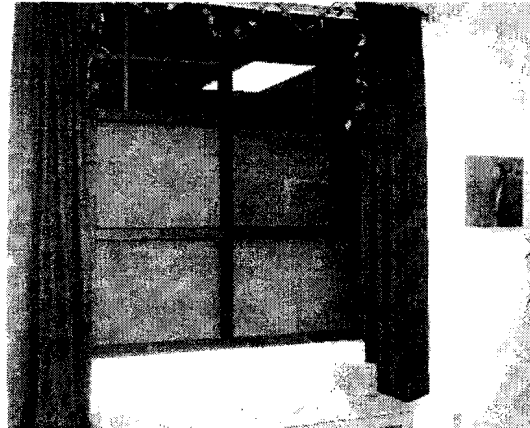
Because much of the equipment used at Advanced Medical Imaging is very massive and heavy, durable flooring in the exam rooms and corridors is essential. The conditions in an exam room are worse than the above photo, but I was unable to obtain access to that room for photographing.



Design Issues

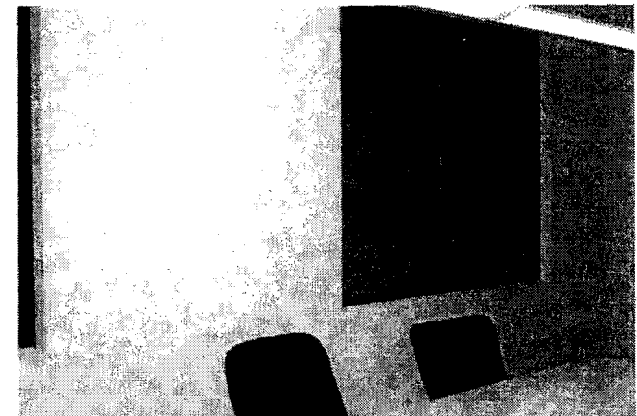
Issue 1: Visibility/Lighting

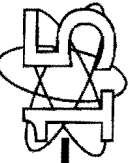
Natural and artificial lighting are both an issue in the existing space as shown in the below photographs.

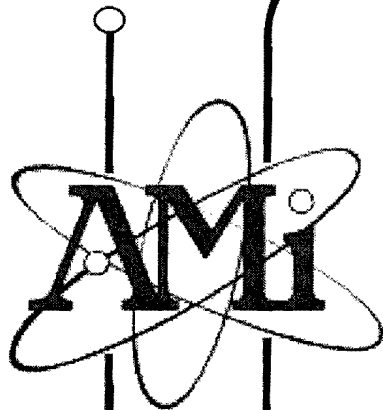


The lighting conditions in these two rooms can be bothersome to patients and staff on very bright days. The fluctuation of lighting during the day can also be bothersome, particularly to staff. Relocation of affected rooms is a consideration as well as a professional blind/louver system to control natural daylight.

Although I do not have a photograph to illustrate this, artificial lighting is an issue in some exam rooms where light shines directly into patients' eyes, such as in the MRI room. This problem will be taken into consideration when working on the lighting plan for the new plan.







Client Needs

Client Needs

User

Office Employees

Requirements/Needs

Close manager office from lobby visibility/hearing
Create more staff workstations

Preferences/Wants

Give center work desks more privacy

Mammography

Outlets on all walls in mammo room
Base and upper cabinets for storage

Locate a restroom nearer to the mammography room
Base cabinets in mammo exam room

CT

Wider doors for CT and MRI
Can lighting around perimeter of room
Different doors for dressing rooms

Storage on back wall of control room
Blind/louvers needed in CT room, more storage in exam room

MRI

Widen doorway for patient prep/consult room near MRI
Intercom for laundry and MRI rooms

Some storage for pillows in MRI exam room

Ultrasound

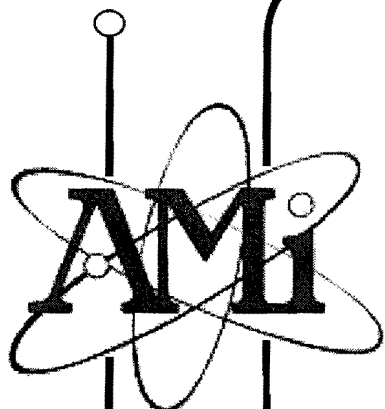
Room needs to be larger
Room needs more durable flooring

PET/Nuclear Medicine

Equip facility with proper PET room
Keep nuclear medicine and PET adjacent to one another

Client Needs

User	Requirements/Needs	Preferences/Wants
Bone Density	Outlets on all walls Proper storage in control room	Keep restroom adjacent to exam room
Kitchen	Oven, stove, dishwasher in kitchen Replace existing tables with a larger one for more people	Move kitchen/break room further from patient care
Patients	Less audibility from lobby Better storage in dressing rooms Firmer furniture in lobby Feeling of safety and relaxation in facility	Sliding doors in entrance, not opening out Coat storage in dressing rooms
Conference Room	New table Shading from bright sunlight	Mini-fridge, projector and screen, Some storage with countertop
Miscellaneous	Blind/louver systems for rooms Replacement of various flooring Countertops in laundry room	Put quiet room in a more suitable location Massage room not needed

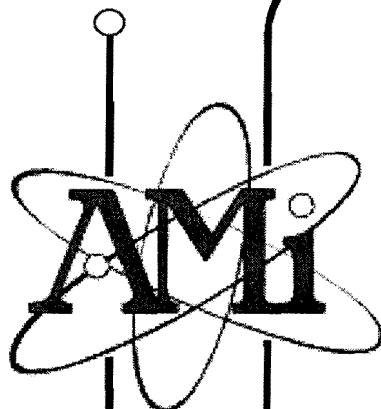


Information Index

Information Index

Considerations	Goals	Facts	Concepts	Needs	Problems
Function			Service grouping	Exams, consultations, office work	Make conference room near offices
People	Collaborative and common workspaces	Doctors, office personnel, technicians, patients	People grouping	Staff work areas near each other	Doctor offices need to be nearer to other offices
Activities	Adjacencies to related activities	Exams, waiting, office work, consultations	Activity grouping	Waiting, exams, conferencing /consults, office work	Distance between areas of activity for patients
Relationships	Comfort among all people in the facility	Doctor-staff, staff-patient, patient-doctor	Priority	Patients, staff	Ensuring patients feel they are a priority in several ways
			Hierarchy	Patients, staff, utilities/equip/ storage	Locating various utilities/equip/storage appropriately
			Security controls	Visibility in lobby, privacy in needed places	Privacy in office and reception areas, consult areas

Considerations	Goals	Facts	Concepts	Needs	Problems
			Sequential flow	Lobby> dressing rooms>exam room>lobby	Unnecessary traffic because of locations of spaces
			Mixed flow	Staff entr.> offices>ctrl rooms> exam rooms>repeat ed pattern	Clear division of staff and patient areas
			Relationships	Professional, friendly	Ensuring patients feel they are receiving individualized care
			Communication	Open but confidential	n/a

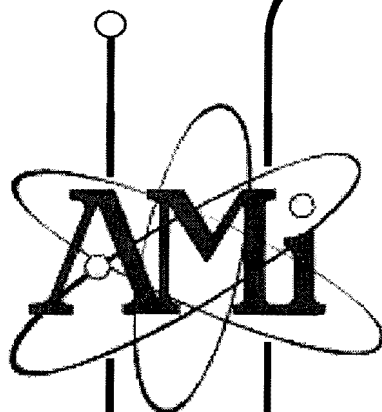


Information Index

Information Index

Considerations	Goals	Facts	Concepts	Needs	Problems
Form			Enhancement		
Site	To attract business over other imaging centers,	Located near other medical office buildings in expanding area of city	Special Foundations	Spa atmosphere	n/a
			Density	n/a	n/a
Environment	More comfort and relaxed feel for all	Sterile, bright, spacious	Environmental Control	Soothing finishes	Too bright, too many neutral colors Too sterile, bland
Quality	Sustainable and durable finishes, supportive furnishings	Some deteriorating flooring, finishes, poor furnishings in waiting area	Safety Precautions	Better atmosphere ADA accessibility, security	Not all restrooms are accessible
			Neighbors	n/a	Other imaging centers nearby
			Home base	n/a	n/a
			Orientation	n/a	n/a
			Accessibility	Restrooms, exam rooms, corridors, dressing rooms, consult	Not all restrooms are accessible

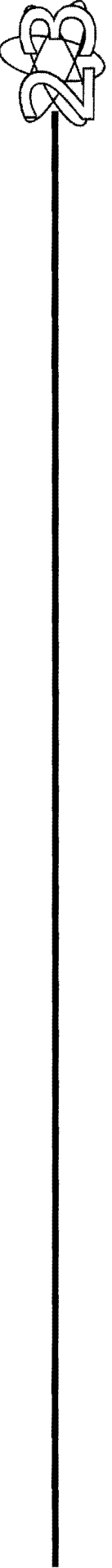
Considerations	Goals	Facts	Concepts Character Quality control	Needs Medicinal but aesthetically pleasing Feeling of confidential care for patients through design	Problems Currently not much character
Economy Initial Budget Operating Cost	 n/a n/a	 none n/a	Cost Control Efficient allocation	n/a Proper location of various spaces	n/a Distances and space allocations of various spaces



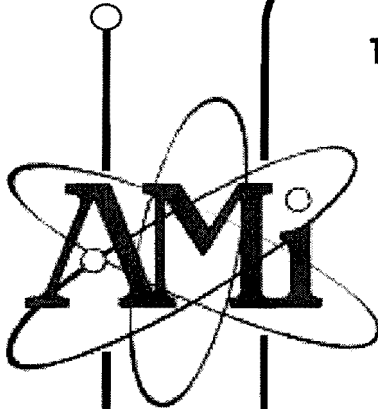
Information Index

Information Index

Considerations	Goals	Facts	Concepts	Needs	Problems
Life-cycle Cost	Replace existing finishes/features that will be more lasting than current	Flooring already needs to be replaced in more than one area	Multi-function Merchandising Energy Conservation	No rooms serve more than one function No merchandising Lighting	n/a n/a n/a
Time			Adaptability	n/a	n/a
Past	n/a	Built in 2003, operating since then	Tolerance	n/a	n/a
Present	Effectively solve issues through re-design	Operating with some issues	Convertability	Not needed to be converted for other needs	n/a
Future	Be a more functional facility after re-design	n/a	Expansibility	Currently all facility offerings will be provided in re-design	n/a
			Linear/concurrent scheduling	n/a	n/a
			Phasing	Easy progression to different spaces	n/a

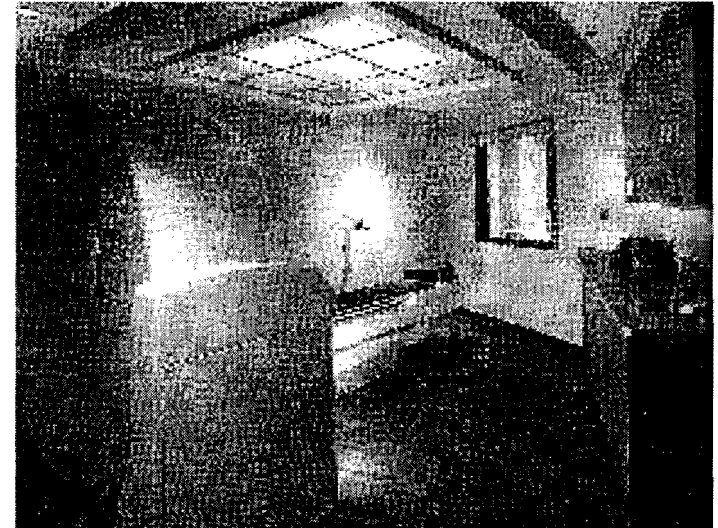
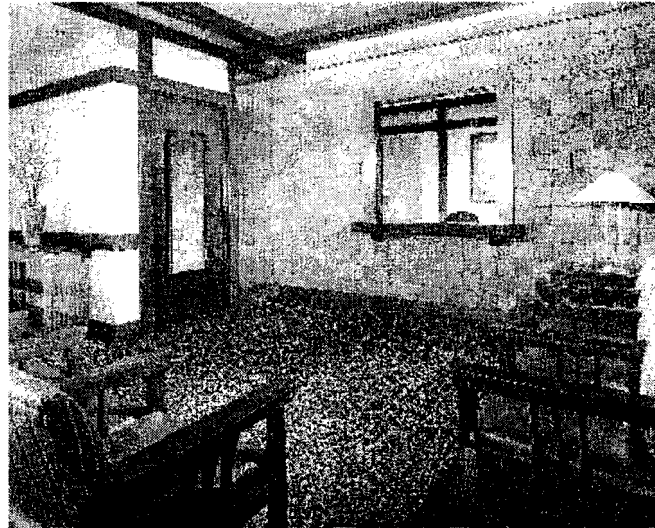






Benchmarks: Medical

TMC Advanced Imaging Palm Valley, Goodyear, Arizona



The Stein-Cox Group

The environment at TMC Advanced Imaging seems as if it would be very comforting to patients. The finishes in this facility are warm and inviting, unlike some very sterile medical office environments that make patient uncomfortable. Unlike some other facilities, including Advanced Medical Imaging, this one does not have a reception area open to the waiting room, though it is clear to patients where to check in. The mass of the wood trim in the facility are obvious but not overbearing.

The pattern in the carpet and texture on the tile wall are also apparent but not over-stimulating. The imaging room seems to be a very calm place, again, unlike some more sterile medical offices. The lighting in this room is subtle, not too bright, and the unique lighting fixture above seems to give off warm light. Though the room seems a little plain, the unique floor pattern gives it some interest.

Source: Healthcare Spaces, No. 1, Roger Yee

MemorialCare Breast Center at Anaheim Memorial Medical Center



Taylor & Associates Architects

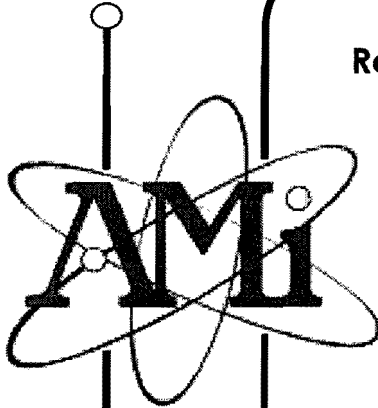
MemorialCare Breast Center seems to offer a relaxed but contemporary environment in which to treat their patients. The women's waiting area seems to be a comfortable, quiet area for sit before their appointments. The adjacent dressing rooms seem to be functional. From the photo, I can see that the dressing rooms each have a comfortable-looking bench for patients to sit on or

place their belongings on while changing, as well as a hook to hang clothing on. These dressing rooms provide some good ideas for me to use on my project at Advanced Medical Imaging because the dressing rooms in the facility need to be improved.

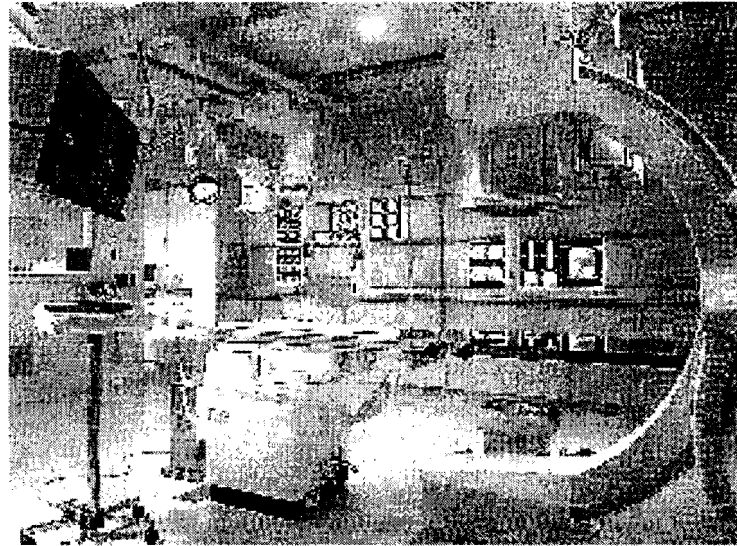
The check out area counters and partitions are angular and massive, while the ceiling lighting is curvilinear, which seem to balance each other.

The colors used throughout the space are cool but inviting and calming. Though materials such as metal and glass are used, which sometimes seem too sterile are very appropriate in the space and are complemented by the colors.

Source: Healthcare Spaces, No. 1, Roger Yee

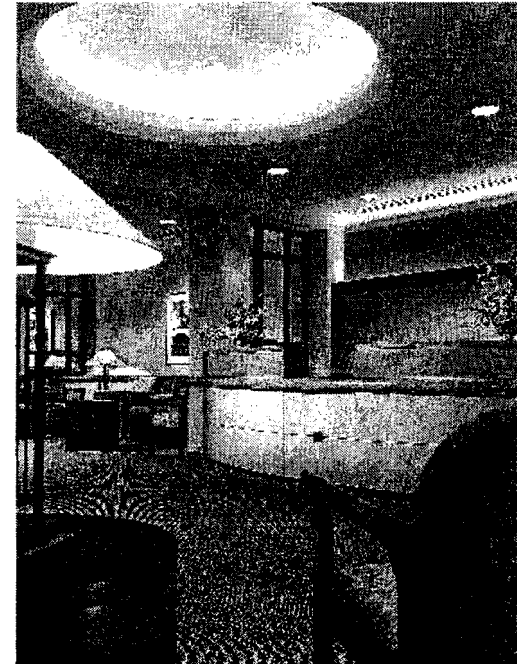


Resurrection Medical Center, Chicago, Illinois



Loeb Schlossman & Hackl

The Radiology Department at Resurrection Medical Center appears to be a comfortable environment for patients. The lobby is very warm and inviting. The lighting has a warm, rather than sterile feel. The curvilinear reception desk and side tables as well as lampshades and ceiling coves are complemented by the angular details in the reception desk, the window mullions, and the wall openings. The millwork and custom reception desk are massive though very attractive.



Some items of concern in this space are the lack of non-neutral colors, except for the seating, and the lack of signage.

The imaging room meshes well with the equipment it houses. The neutral colors on the walls and casework make the room appear very uniform. There is ample storage in this room, necessary in any medical space.

Source: Healthcare Spaces, No. 1, Roger Yee

Benchmarks: Day Spa

Imaging Center turned day spa...

benefits:

- healing, restorative environment
- improving patients' view of medical facilities
- calming finishes

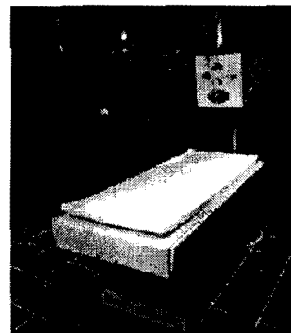
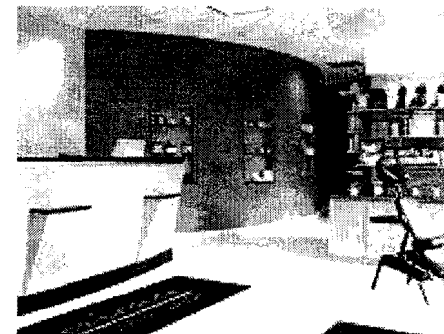
Trends in healthcare industry...

Article: *The Role of the Physical Environment and Social Environment in Promoting Health, Safety, and Effectiveness in the Healthcare Workplace.* The Center for Health Design

- Family is important to incorporate into a patient's care
- Healthcare work is more effective when practitioners work in well-developed teams and interdependently of patients and family
- Healthcare has moved from treating patients physically to more holistic treatment—emotionally and spiritually also
- Physical environment affects health and safety of healthcare employees
- Back pain is common among healthcare workers, ergonomics is important to their jobs- softer floors, evaluation of workspaces needed
- Office areas for interactive work are important, staff lounges, neutral zones as well as dedicated spaces
- Inadequate lighting and chaotic work environments increase the likelihood of error
- Similarly equipped rooms to avoid confusion

Article: *The Marriage of Form and Function: Creating a Healing Environment.* KI

- A healing environment is not only one that takes care of the patient but the family of the patient and the caregivers or healthcare workers
- Bring the outside in
- Lounge area for staff to relax in
- Concealed storage
- Finishes and furnishings that give a home-like feel



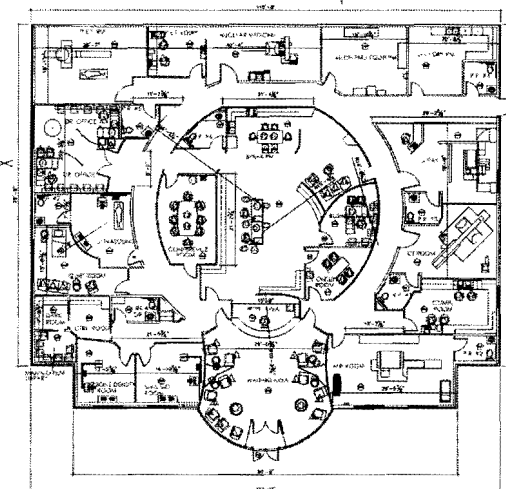
images borrowed from: <http://www.saloninteriors.com/portfolio>



The re-design of Advanced Medical Imaging, based on the idea of a day spa, will create an environment that meets patients' comfort and medical needs. In addition, it will provide a comfortable work environment for staff. The new design will promote efficient exams and a pleasant experience for patients. It will provide a sense of pride in work for staff and will offer personalized care in visits for patients.

The project I chose to focus on for my senior project is a healthcare facility, Advanced Medical Imaging. The facility is located in Kokomo, Indiana and is about 10,000 square feet in size. Throughout the programming phase I had intended to maintain the original facility layout and just make minor spatial changes with my re-design. However, I have now decided to re-design the entire floorplan, starting with a clean slate and designing the imaging center as if it were new construction. Through this approach I will be able to show more creativity while still keeping in mind the clients' needs in order to design a fully functional facility. I have re-allocated space for all components of the imaging center including the reception and waiting area, exam rooms, offices, utilities, restrooms, etc. I have provided a complete set of construction documents from the demolition plan to the finishes and furniture plan.

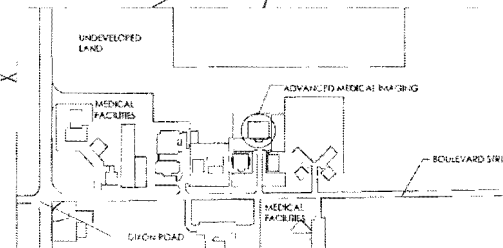
Throughout the re-design I have kept in mind the concept of spa design, in particular, the interior aesthetics and atmosphere of spas. Because medical visits are often dreaded and patients may feel uncomfortable in medical environments, I was inspired to create a new environment. The completed project is intended to provide a space that is relaxing and soothing to patients and comfortably functional for staff. In this way it will reflect a spa atmosphere but will also be a professional and clean environment.



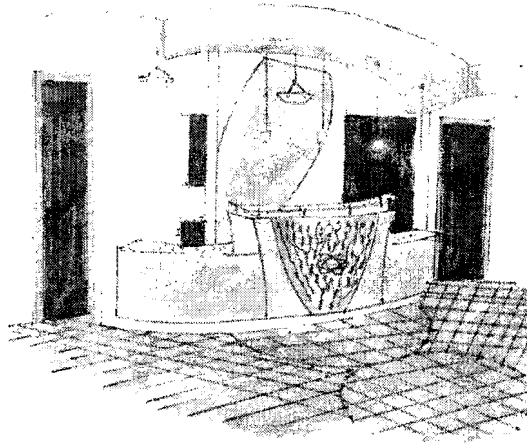
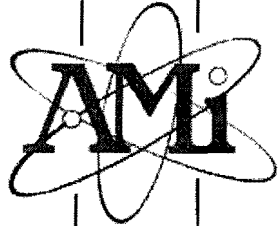
FURNITURE PLAN NOTES

- ① RECEPTION
- ② WAITING AREA
- ③ EXAM ROOMS
- ④ OFFICES
- ⑤ RESTROOMS
- ⑥ STORAGE
- ⑦ UTILITY ROOMS
- ⑧ LOBBY/RECEPTION AREA

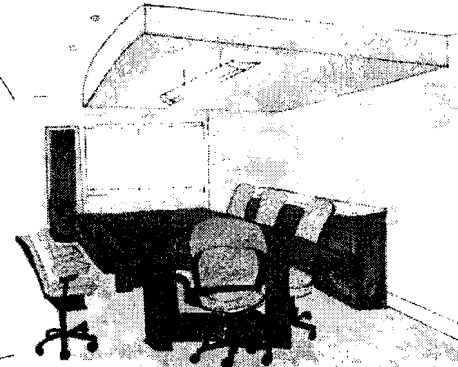
Room Number	Room Name	Square Footage
1	Waiting Area	713.2
2	Reception Area	113
3	Mammogram Room	203.4
4	Bone Density Room	183.4
5	Mammogram/BD Control	
6	Control Room	90.9
7	Mammogram Film Library	66.2
8	Dark Room	60.4
9	Mammogram/BD RR and DR	51.6
10	Quiet Room	255
11	Ultrasound Room	223.6
12	RR # 7	59.2
13	Corridor	393.8
14	Dr. Office	63.6
15	RR #5	63.6
16	P.E.T. Room	452.8
17	P.E.T. Equipment	155.8
18	Nuclear Medicine Room	355.5
19	North Corridor	
20	Mech. Room/Equip. Room	303
21	Laundry	263.2
22	RR #4	58.11
23	Northwest Corridor	
24	X-Ray Room	429.4
25	RR #3	60.9
26	CT Room	341.8
27	East Corridor	
28	RR #1	64.1
29	CT/MRI Room	254.7
30	RR #2	60.8
31	MRI Room	448.1
32	CT/MRI Corridor	
33	Consul Room	164.2
34	Business Manager	162.8
35	Employee Lounge	
36	Open Office	801.5
37	Conference Room	234.3
38	RR #6	58.3
Total minus corridors:		7169.81



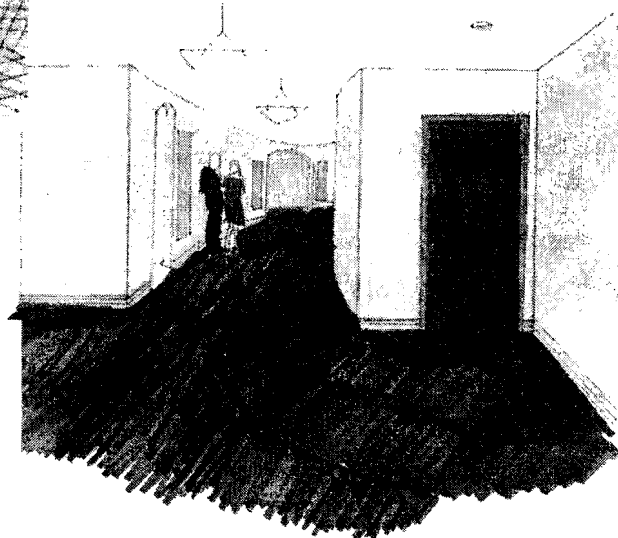
ADVANCED MEDICAL IMAGING RE-DESIGN



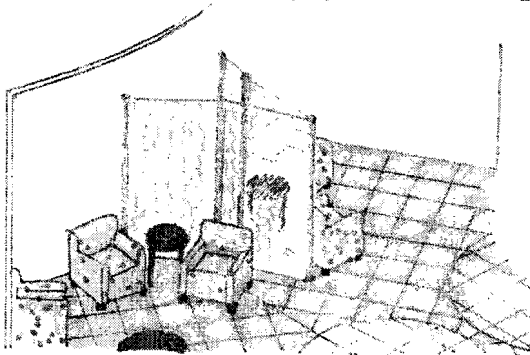
PERSPECTIVE: RECEPTION DESK



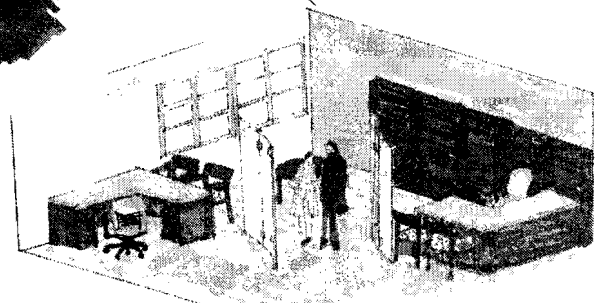
PERSPECTIVE: CONFERENCE ROOM



PERSPECTIVE: MAIN CORRIDOR



PERSPECTIVE: LOBBY



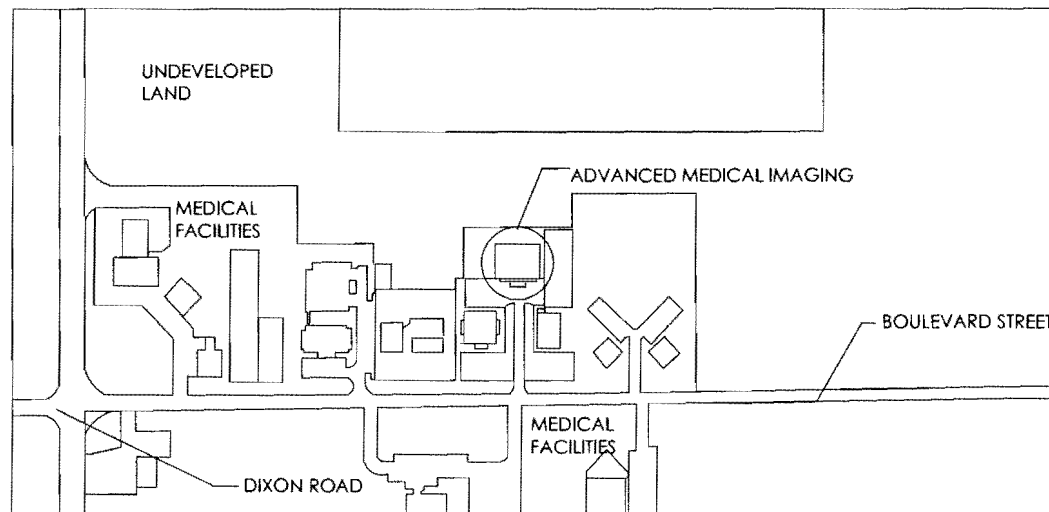
PERSPECTIVE: DR. OFFICE

ADVANCED MEDICAL IMAGING RE-DESIGN

CONSTRUCTION SHEET LIST:

- A1. COVERSHEET
- A2. EXISTING FLOOR PLAN
- A3. DEMOLITION FLOOR PLAN
- A4.1 CONSTRUCTION FLOOR PLAN
- A4.2 CONSTRUCTION ENLARGED PLANS
- A5.1 INTERIOR ELEVATIONS
- A5.2 INTERIOR ELEVATIONS
- A5.3 INTERIOR ELEVATIONS
- A5.4 INTERIOR ELEVATIONS AND SECTIONS
- A6.1 INTERIOR SECTIONS
- A6.2 INTERIOR SECTIONS
- A6.3 INTERIOR SECTION S
- A7. INTERIOR PARTITION TYPES AND DETAILS
- A8.1 DOOR ELEVATIONS AND DETAILS
- A8.2 DOOR AND WINDOW SCHEDULE, WINDOW DETAILS
- A9.1 FINISHES PLAN
- A9.2 FINISHES SCHEDULE
- A9.3 FLOOR PATTERNS
- A9.4 ENLARGED FLOOR PATTERNS
- E1.1 REFLECTED CEILING PLAN
- E1.2 LIGHTING SCHEDULE
- F1.1 FURNITURE PLAN
- F1.2 FURNITURE SCHEDULE

Room Number	Room Name	Square Footage
1	Waiting Area	753.2
2	Reception Area	112
3	Mammogram Room	200.4
4	Bone Density Room	165.4
5	Mammography Corridor	
6	Control Room	60.9
7	Mammogram Film Library	58.2
8	Dark Room	60.4
9	Mammography PR and CR	81.8
10	Queue Room	253
11	Ultrasound Room	273.6
12	RR #7	50.2
13	Corridor	
14	Dr. Office	350.8
15	RR #3	63.5
16	P.E. Room	402.6
17	P.E. T. Equipment	155.3
18	Nuclear Medicine Room	356.5
19	Waiting Corridor	
20	March Room/Equi. Room	305
21	Laundry	263.2
22	RR #4	58.11
23	Northeast Corridor	
24	X-Ray Room	426.4
25	RR #5	60.0
26	CT Room	3,419.9
27	East Corridor	
28	RR #1	54.1
29	CT/MRI Room	254.7
30	RR #2	60.3
31	MRI Room	448.1
32	CT/MRI Corridor	
33	Consult Room	154.2
34	Business Manager	162.4
35	Employee Lounge	
36	Open Office	801.5
37	Conference Room	234.3
38	RR #6	56.3
Total minus corridors:		7158.51




 SITE PLAN: ADVANCED MEDICAL IMAGING, KOKOMO, INDIANA
 SCALE: 1/8" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

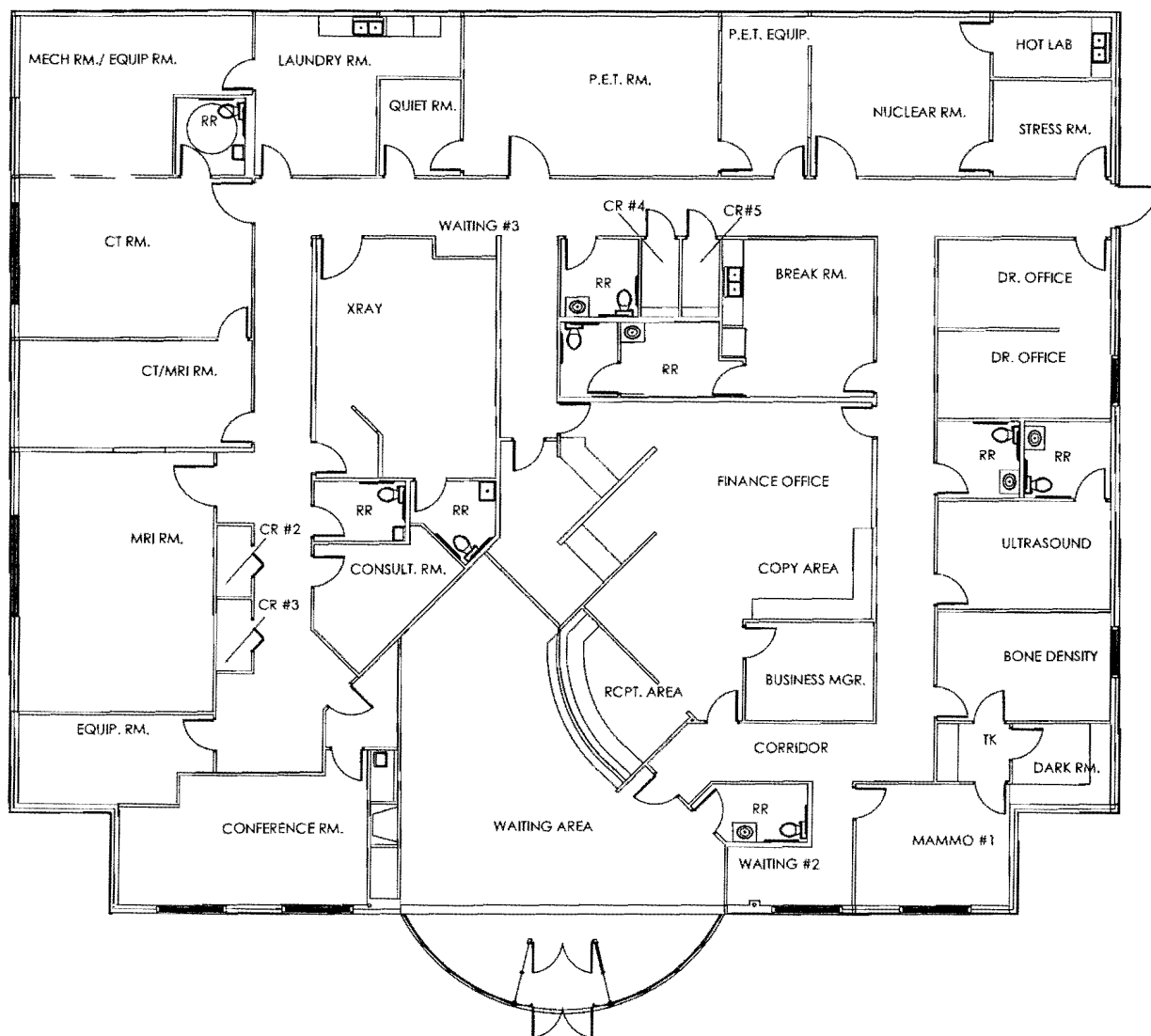
DESIGN FIRM:

LM DESIGN ASSOCIATES

SHEET TITLE:

COVER SHEET

A1



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1/4" = 1'-0"

SHEET TITLE:

EXISTING
FLOOR PLAN

A2

02 of 23



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1/4" = 1'-0"

SHEET TITLE:

DEMOLITION
PLAN

A3

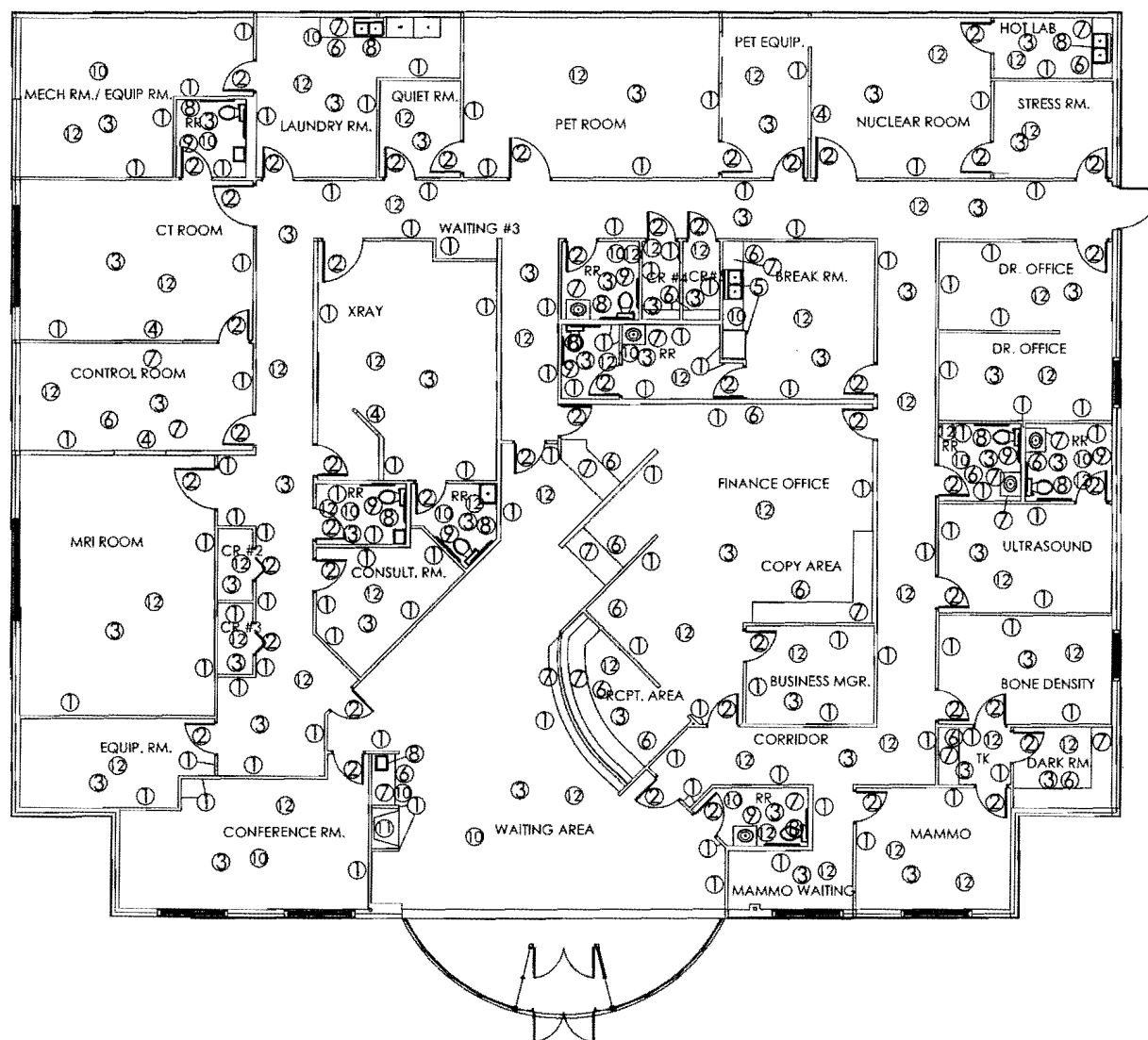
03 of 23

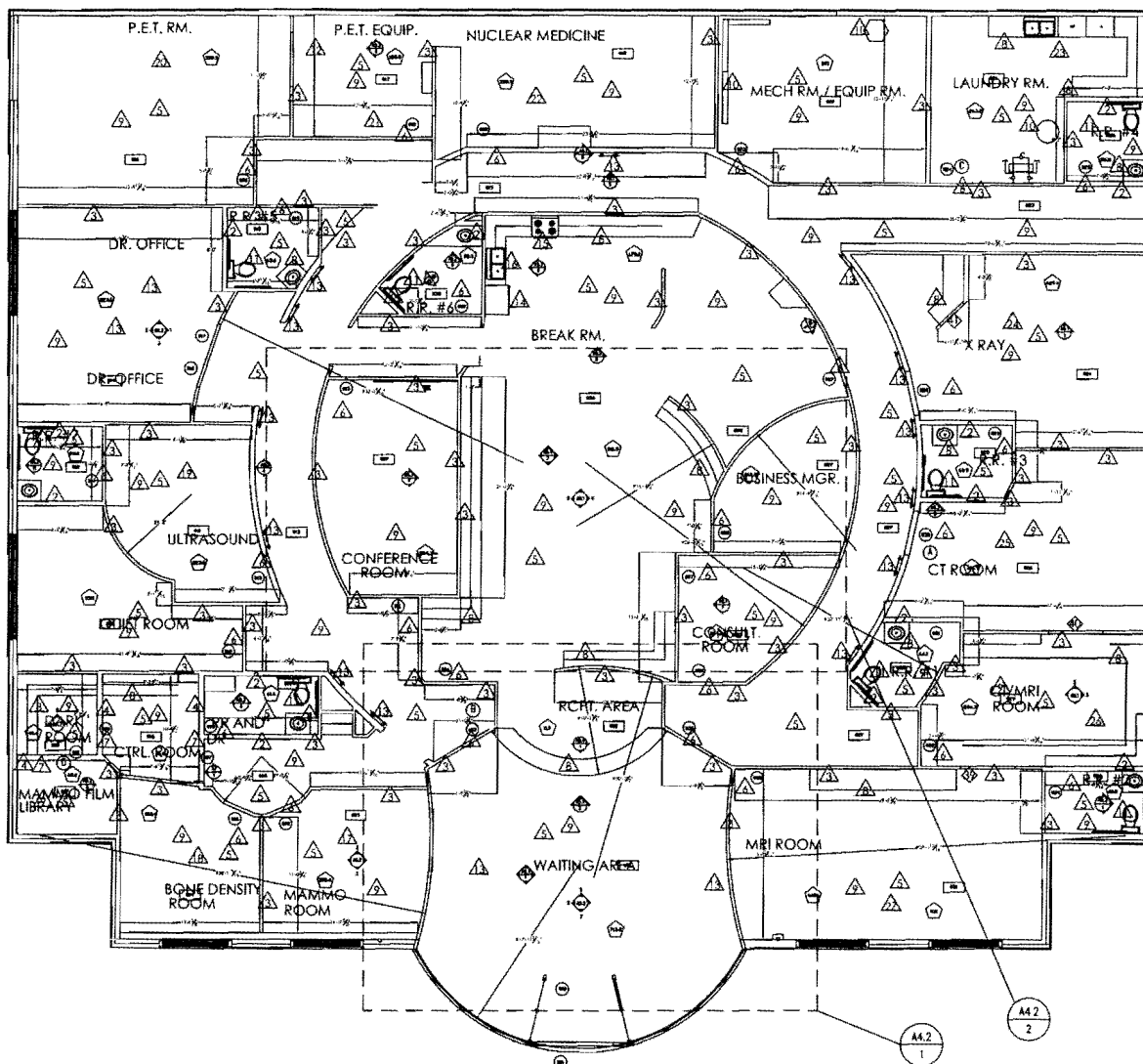
DEMOLITION PLAN NOTES

- 1 DEMOLISH EXISTING WALL FROM FLOOR TO CEILING
- 2 REMOVE EXISTING DOOR, DOOR FRAME, DOOR HARDWARE
- 3 REMOVE EXISTING LIGHTING FIXTURES
- 4 REMOVE WINDOW, DEMOLISH FRAME
- 5 REMOVE EXISTING KITCHEN FIXTURES
- 6 REMOVE STORAGE CABINETS
- 7 REMOVE COUNTERTOP
- 8 REMOVE SINK, DRAIN LINES, AND COUNTERTOP IF PRESENT
- 9 REMOVE TOILET, DRAIN LINES
- 10 REMOVE MIRROR, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, AND GRAB BARS IF PRESENT
- 11 DEMOLISH FIREPLACE STRUCTURE
- 12 REMOVE EXISTING FLOORING, BASE BOARD

SPECIAL NOTES:

ALL INTERIOR WALLS, DOOR FRAMES, AND WINDOWS ARE TO BE DEMOLISHED. SINKS, KITCHEN APPLIANCES AND SPECIAL EQUIPMENT ARE TO BE REMOVED BUT SAVED FOR FUTURE USE.





CONSTRUCTION PLAN NOTES

1. INSTALL 5/8" GYP. BD. ON 4 3/4" STEEL STUD WALL (W/ SOUND BATTS). INSTALL FROM FLOOR TO 6" ABOVE FINISHED CEILING LINE.
2. INSTALL 5/8" GYP. BD. ON 4 1/4" STEEL STUD PLUMBING WALL. INSTALL FROM FLOOR TO 6" ABOVE FINISHED CEILING LINE.
3. INSTALL 5/8" GYP. BD. ON 2 1/4" STEEL STUD WALL (W/ SOUND BATTS). INSTALL FROM FLOOR TO 6" ABOVE FINISHED CEILING LINE.
4. INSTALL 5/8" GYP. BD. ON 5 1/4" STEEL STUD WALL (FOR POCKET DOORS). INSTALL FROM FLOOR TO 6" ABOVE FINISHED CEILING LINE.
5. PAINT ALL WALLS AS INDICATED IN FINISH PLANS
6. INSTALL ALL SALVAGED DOORS AS INDICATED IN DOOR SCHEDULE
7. INSTALL ALL NEW DOORS AS INDICATED IN DOOR SCHEDULE
8. INSTALL NEW UPPER CABINETS, BASE CABINETS AND PLASTIC LAMINATE SURFACE AS INDICATED IN FINISH PLANS AND SCHEDULES.
9. FLOORING AND BASE TO BE INSTALLED AS INDICATED IN FINISH PLANS
10. INSTALL MECHANICAL EQUIPMENT, APPLIANCES
11. INSTALL SALVAGED TOILETS, SINKS AND BASE CABINETS
12. INSTALL NEW COUNTERTOPS, BASED ON FINISH PLAN/SCHEDULE
13. INSTALL RESIN PANEL APPLICATIONS AS INDICATED IN SCHEDULES
14. INSTALL REFRIGERATOR
15. INSTALL OVEN, RANGE, AND RANGE HOOD
16. INSTALL KITCHEN SINK
17. INSTALL MAMMOGRAPHY EQUIPMENT
18. INSTALL BONE DENSITY EQUIPMENT
19. INSTALL ULTRASOUND EQUIPMENT
20. INSTALL P.E.T. EQUIPMENT
21. INSTALL P.E.T. CONTROL ROOM EQUIPMENT
22. INSTALL NUCLEAR MEDICINE EQUIPMENT
23. INSTALL WASHER AND DRYER
24. INSTALL X-RAY EQUIPMENT
25. INSTALL CT EQUIPMENT
26. INSTALL CT/MRI CONTROL ROOM EQUIPMENT
27. INSTALL MRI EQUIPMENT
- DOOR NUMBERS
- ◻ WINDOW NUMBERS
- ◻ ROOM NUMBERS
- ⬆ ELEVATION CALL OUTS
- ⬆ SQUARE FOOTAGES OF ROOMS



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

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00001

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05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1" = 1'-0"

SHEET TITLE:

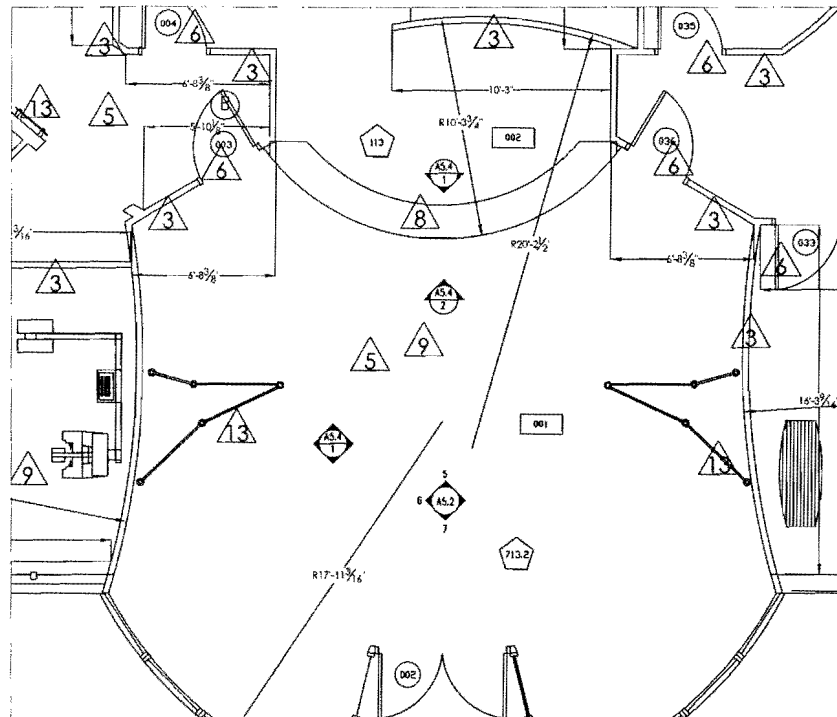
CONSTRUCTION
FLOOR PLAN

A4.1

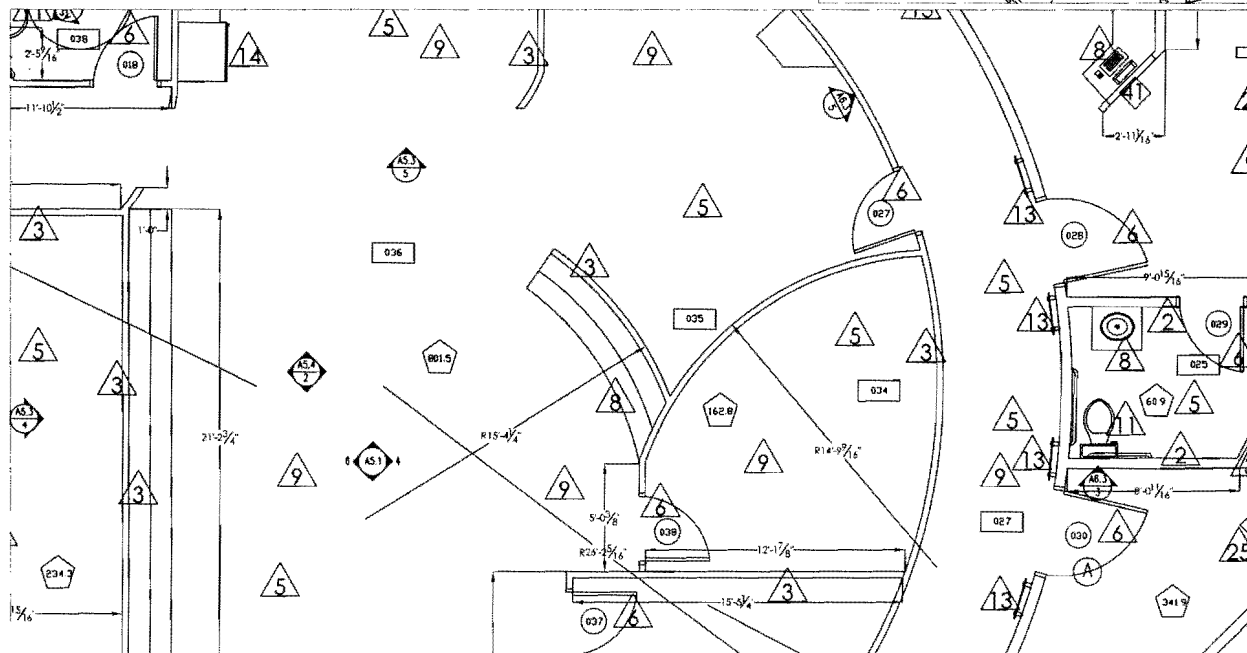
04 of 23



A4.2
1 ENLARGED PLAN LOBBY AND RECEPTION
SCALE: 1/4" = 1'-0"



A4.2
2 ENLARGED PLAN LOBBY AND RECEPTION
SCALE: 1/4" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

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00001

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05-01-08

DRAWN BY:
L.A.M.

DESIGN FIRM:
L.M. DESIGN ASSOCIATES

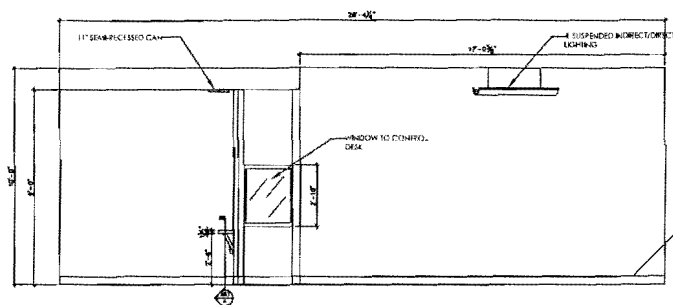
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1/4" = 1'-0"

SHEET TITLE:
ENLARGED
PLANS

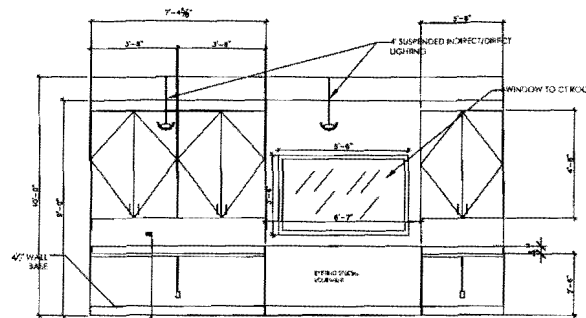
A4.2

05 of 23

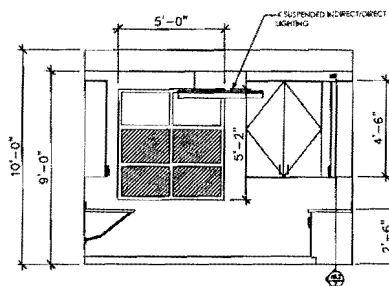




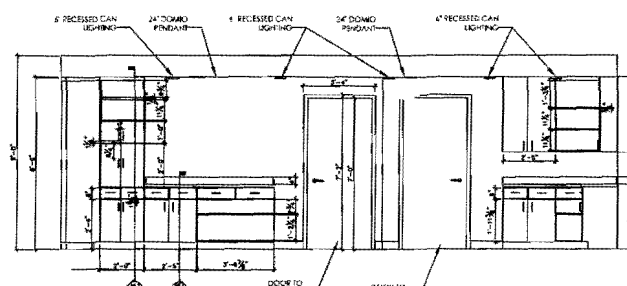
A5.1
1 X-RAY ROOM NORTH ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



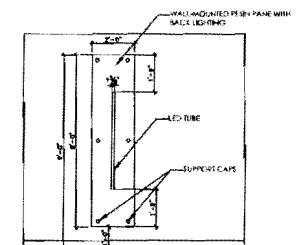
A5.1
2 CT/MRI CONTROL ROOM NORTH ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



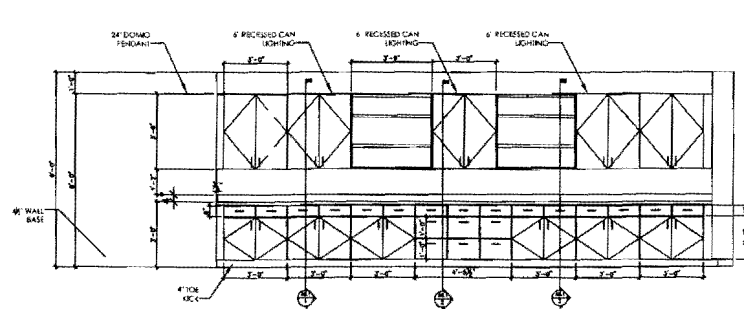
A5.1
3 CT/MRI CONTROL ROOM EAST ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



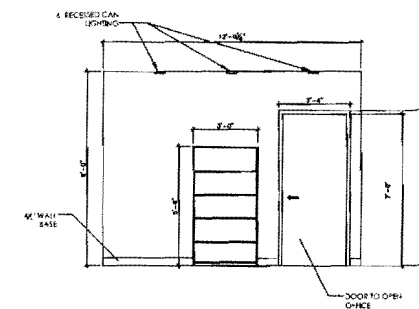
A5.1
4 OPEN OFFICE EAST ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



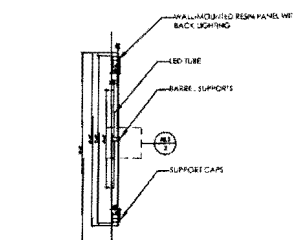
A5.1
5 TYPICAL RESIN PANEL IN CORRIDOR ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



A5.1
6 OPEN OFFICE WEST ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



A5.1
7 CONSULTATION ROOM WEST ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



A5.1
8 TYPICAL RESIN PANEL IN CORRIDOR ELEVATION
SCALE: $\frac{1}{4}'' = 1'-0''$



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DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

$\frac{1}{4}'' = 1'-0''$

SHEET TITLE:

INTERIOR
ELEVATIONS

A5.1



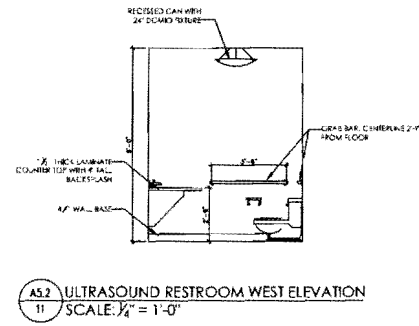
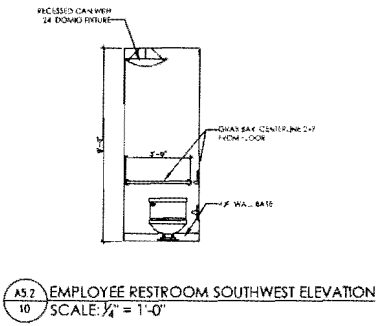
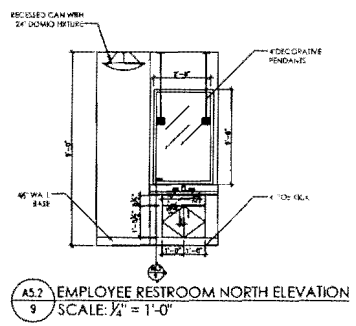
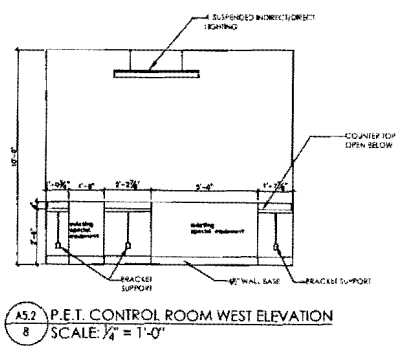
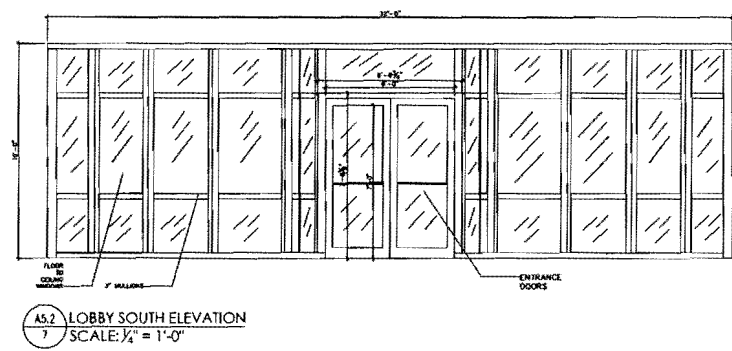
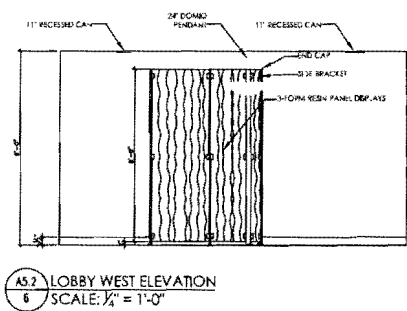
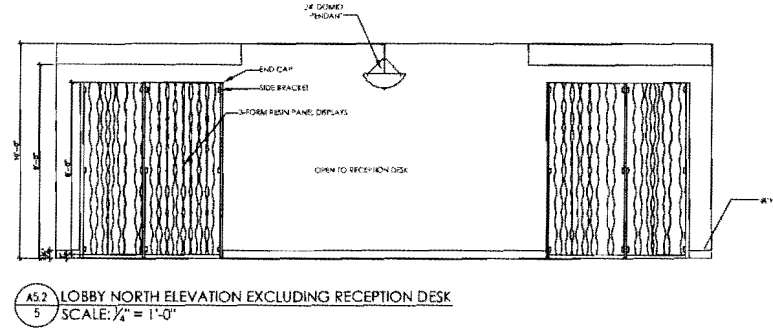
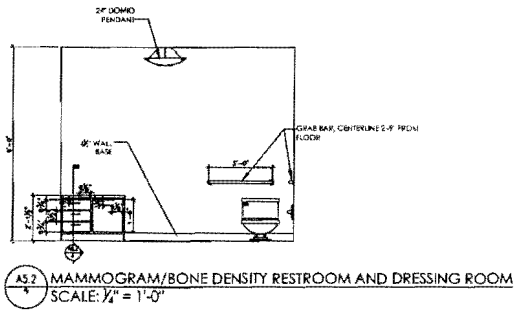
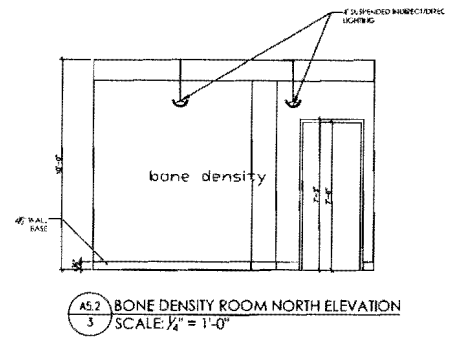
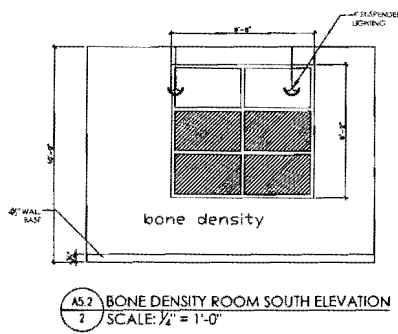
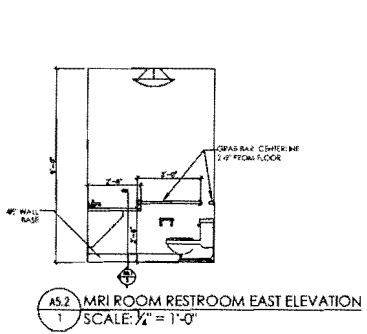
ADVANCED MEDICAL IMAGING RE-DESIGN

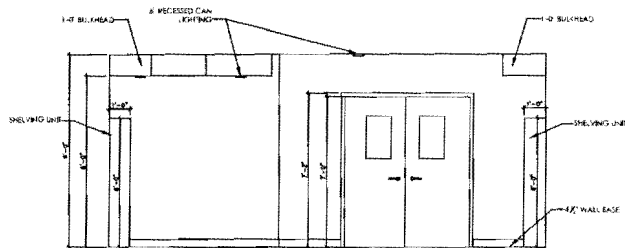
2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:
00001
DATE:
05-01-08
DRAWN BY:
I.A.M.
DESIGN FIRM:
LM DESIGN ASSOCIATES
SCALE:
1" = 1'-0"

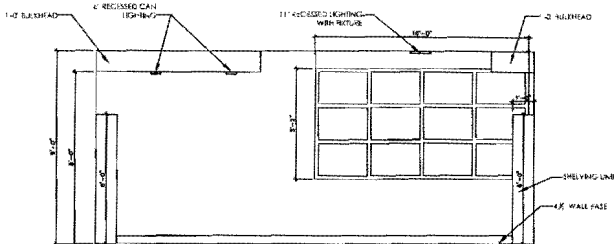
SHEET TITLE: INTERIOR ELEVATIONS

A5.2

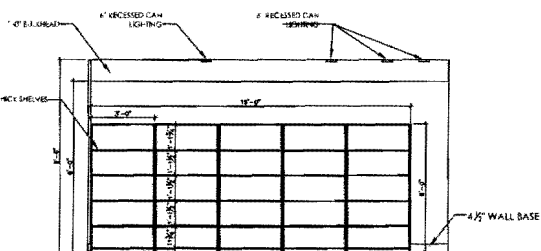




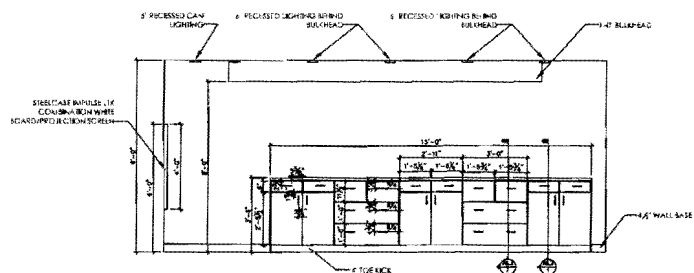
A5.3 DOCTOR'S OFFICE EAST ELEVATION
SCALE: 1/4" = 1'-0"



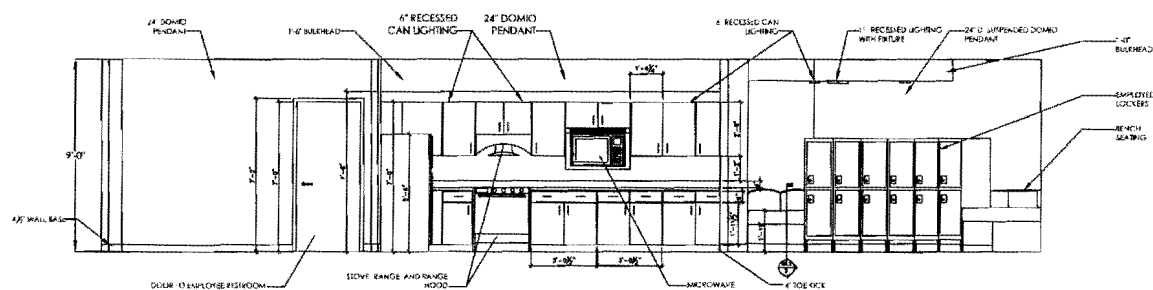
A5.3 DOCTOR'S OFFICE WEST ELEVATION
SCALE: 1/4" = 1'-0"



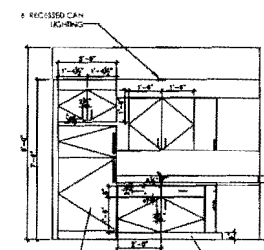
A5.3 DOCTOR'S OFFICE EAST ELEVATION
SCALE: 1/4" = 1'-0"



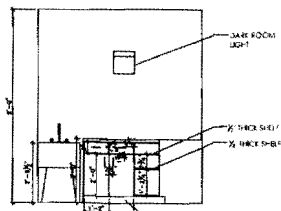
A5.3 CONFERENCE ROOM EAST ELEVATION
SCALE: 1/4" = 1'-0"



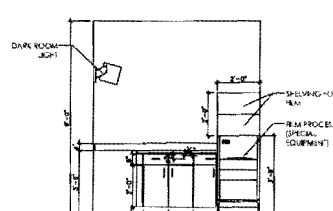
A5.3 OPEN OFFICE NORTH ELEVATION
SCALE: 1/4" = 1'-0"



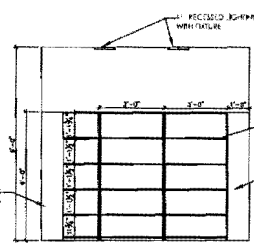
A5.3 KITCHEN WEST ELEVATION
SCALE: 1/4" = 1'-0"



A5.3 DARK ROOM WEST ELEVATION
SCALE: 1/4" = 1'-0"



A5.3 DARK ROOM NORTH ELEVATION
SCALE: 1/4" = 1'-0"



A5.3 MAMMOGRAM LIBRARY SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

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00001

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DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

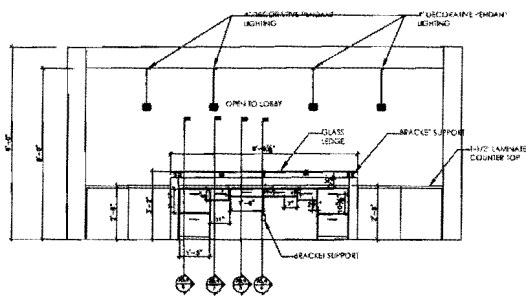
1/4" = 1'-0"

SHEET TITLE:

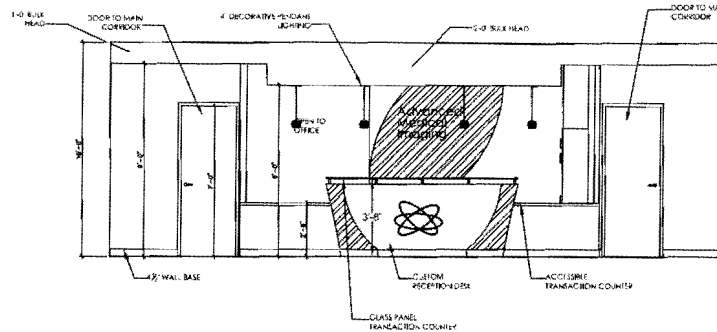
INTERIOR
ELEVATIONS

A5.3

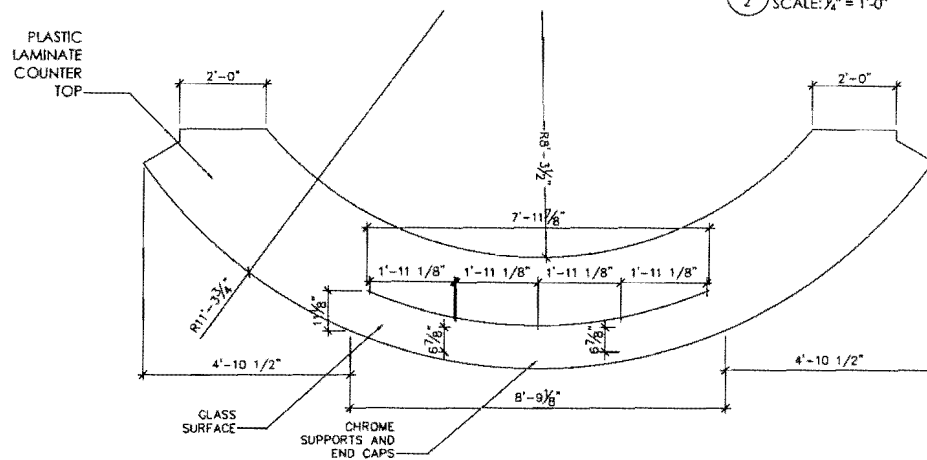
08 of 23



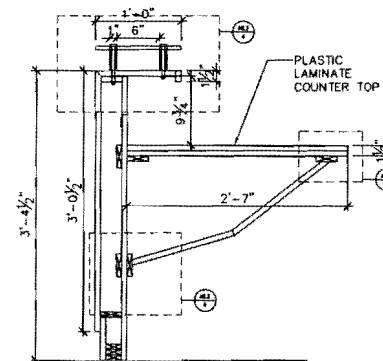
A5.4
1 RECEPTION DESK SOUTH ELEVATION
SCALE: $\frac{1}{4}" = 1'-0"$



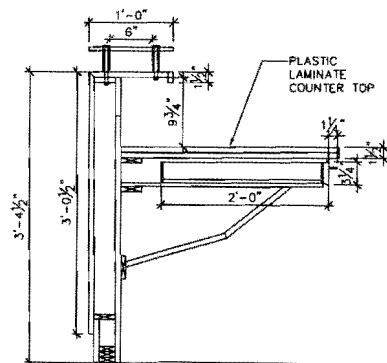
A5.4
2 RECEPTION DESK NORTH ELEVATION
SCALE: $\frac{1}{4}" = 1'-0"$



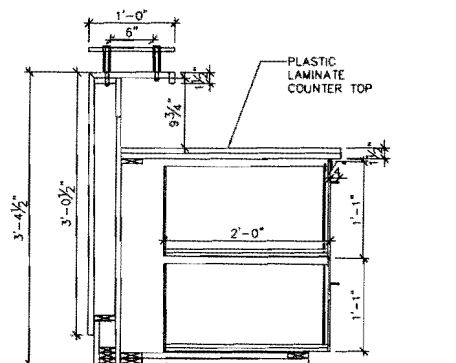
A5.4
3 RECEPTION DESK PLAN VIEW
SCALE: $\frac{1}{2}" = 1'-0"$



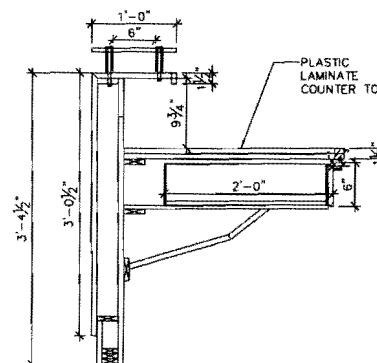
A5.4
4 RECEPTION DESK SECTION
SCALE: $1" = 1'-0"$



A5.4
5 RECEPTION DESK SECTION
SCALE: $1" = 1'-0"$



A5.4
6 RECEPTION DESK SECTION
SCALE: $1" = 1'-0"$



A5.4
7 RECEPTION DESK SECTION
SCALE: $1" = 1'-0"$



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KOKOMO, INDIANA 46902

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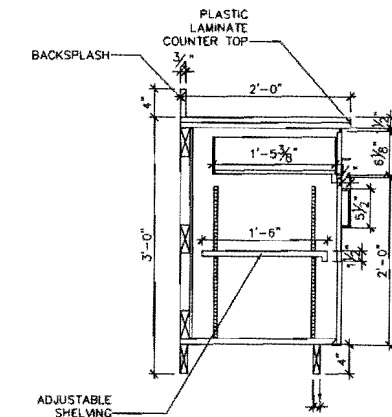
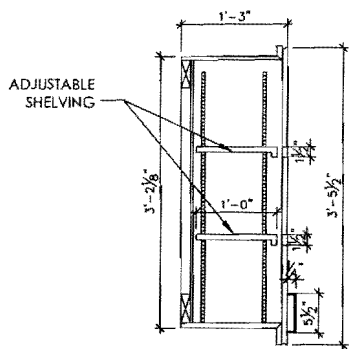
DRAWN BY:
L.A.M.

DESIGN FIRM:
L.M. DESIGN ASSOCIATES

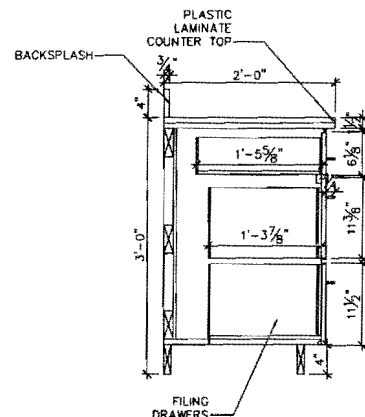
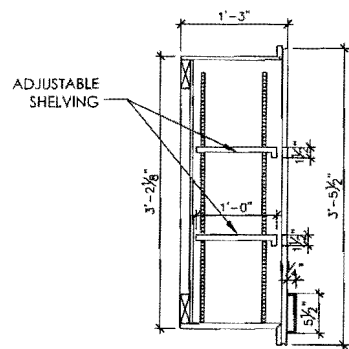
SCALE:
VARIES

SHEET TITLE:
INTERIOR
ELEVATIONS AND
SECTIONS

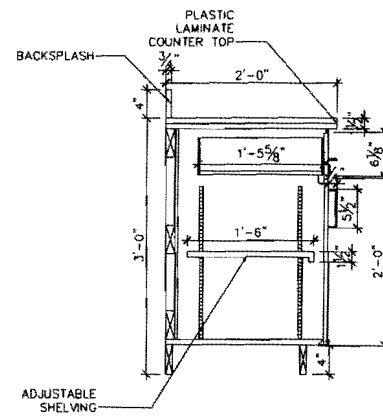
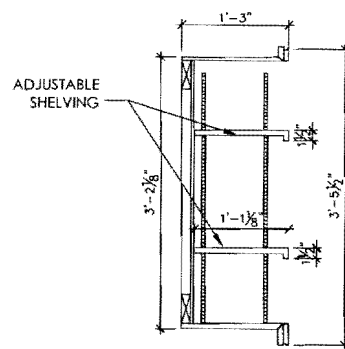
A5.4



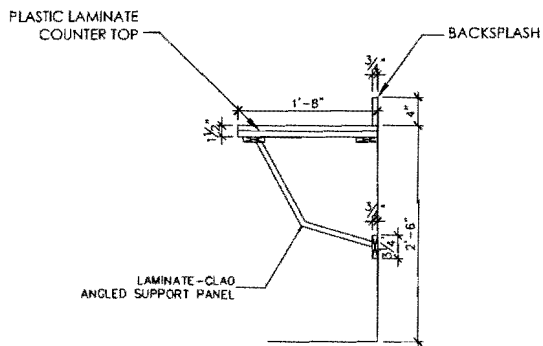
A6.1
1 OPEN OFFICE CASEWORK SECTION
SCALE: 1" = 1'-0"



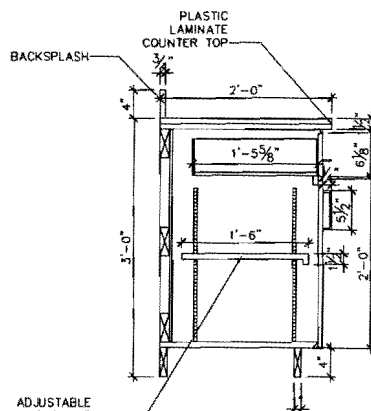
A6.1
2 OPEN OFFICE CASEWORK SECTION
SCALE: 1" = 1'-0"



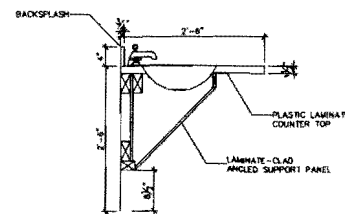
A6.1
3 OPEN OFFICE CASEWORK SECTION
SCALE: 1" = 1'-0"



A6.1
4 X-RAY ROOM COUNTER SECTION
SCALE: 1" = 1'-0"



A6.1
5 OPEN OFFICE CABINET SECTION
SCALE: 1" = 1'-0"



A6.1
5 MRI RESTROOM SINK SECTION
SCALE: 1" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-06

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

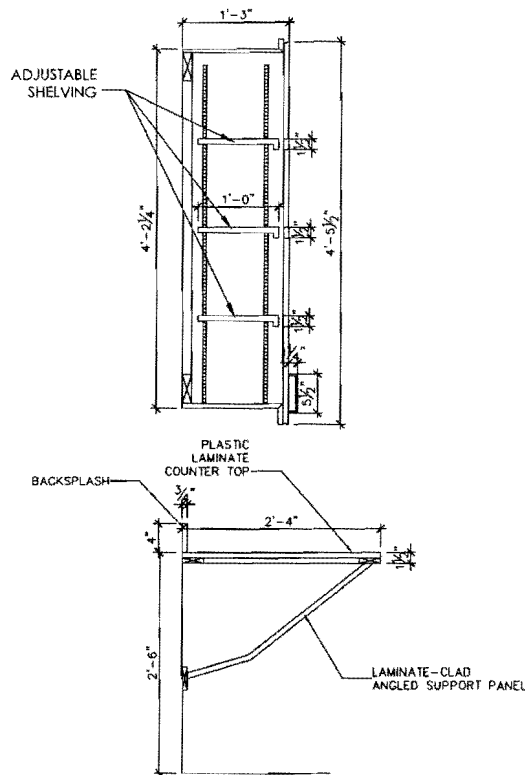
SCALE:

1" = 1'-0"

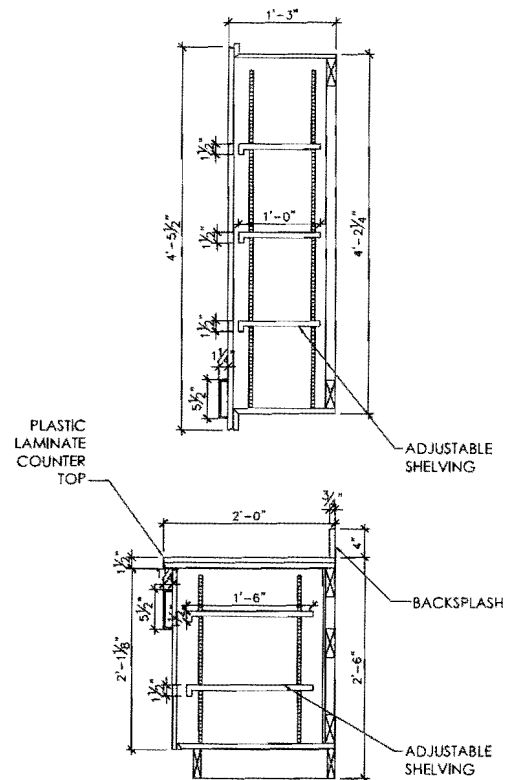
SHEET TITLE:

INTERIOR
SECTIONS

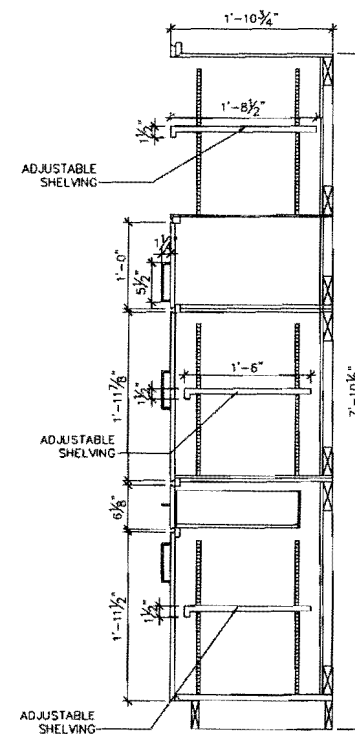
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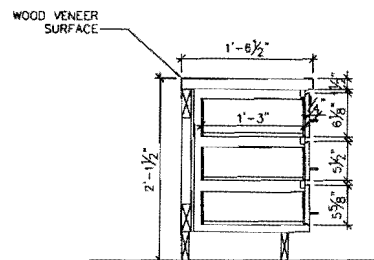
A6.2
1 CT/MRI COUNTER TOP SECTION
SCALE: 1" = 1'-0"



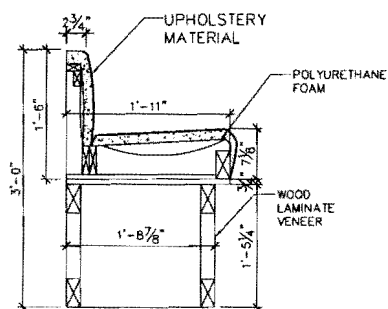
A6.2
2 CT/MRI CABINERY SECTION
SCALE: 1" = 1'-0"



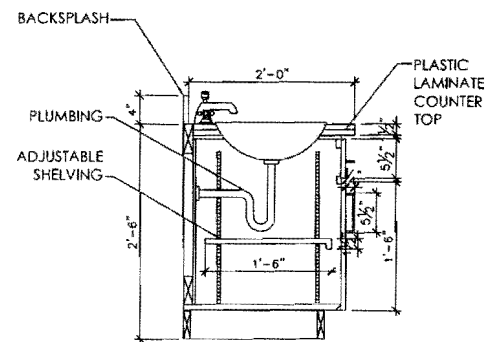
A6.2
3 OPEN OFFICE CABINERY SECTION
SCALE: 1" = 1'-0"



A6.2
4 MAMMO/BONE DENSITY RESTROOM AND DRESSING ROOM BENCH SECTION
SCALE: 1" = 1'-0"



A6.2
5 OPEN OFFICE LOUNGE BENCH SECTION
SCALE: 1" = 1'-0"



A6.2
6 EMPLOYEE RESTROOM SINK AND CABINET SECTION
SCALE: 1" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

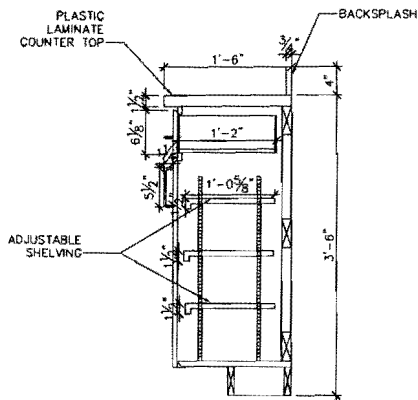
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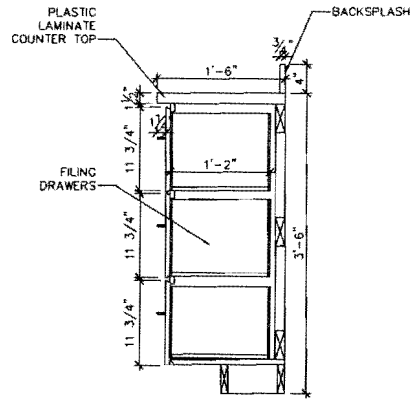
SHEET TITLE:

Interior
Elevations

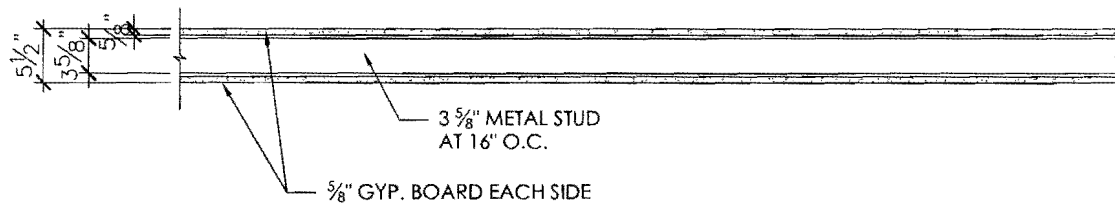
A6.2



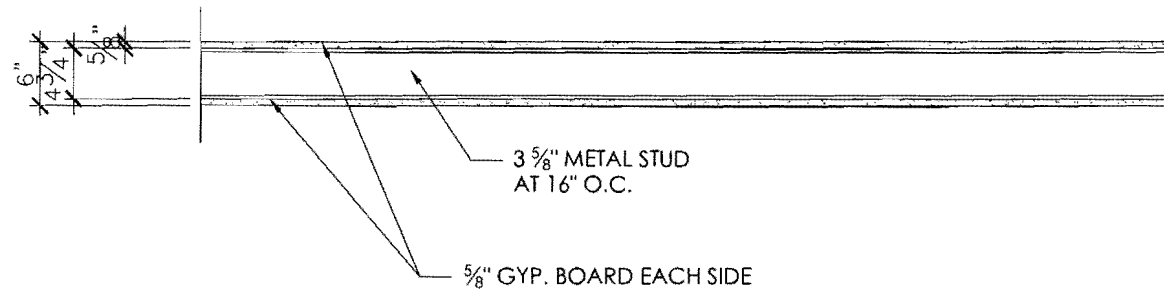
A6.3
1 CONFERENCE ROOM CABINETRY SECTION
SCALE: 1" = 1'-0"



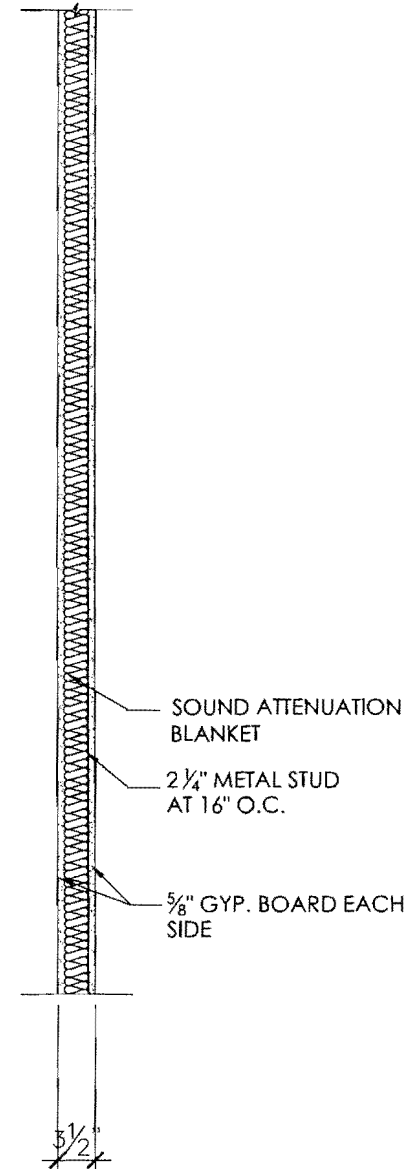
A6.3
2 CONFERENCE ROOM CABINETRY SECTION
SCALE: 1" = 1'-0"



A6.3
3 PARTITION TYPE, PLUMBING WALL
SCALE: 1 1/2" = 1'-0"



A6.3
4 PARTITION TYPE, OUTER CORRIDOR WALL
SCALE: 1 1/2" = 1'-0"



A6.3
5 PARTITION TYPE, TYPICAL WALL
SCALE: 1 1/2" = 1'-0"



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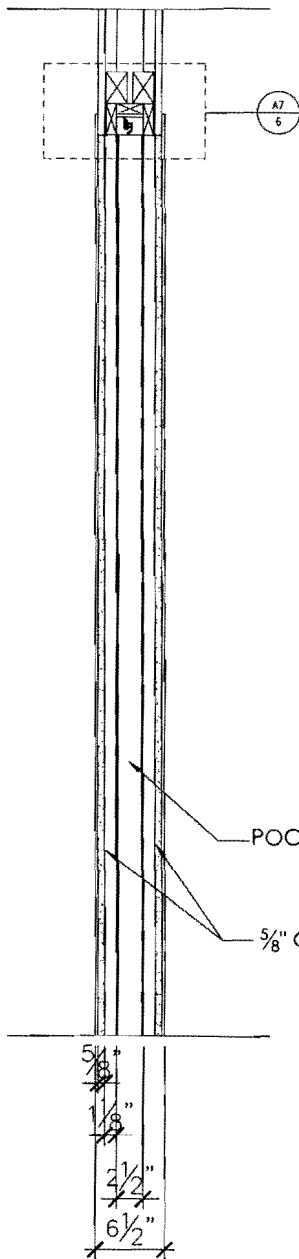
DRAWN BY:
L.A.M.

DESIGN FIRM:
LM DESIGN ASSOCIATES

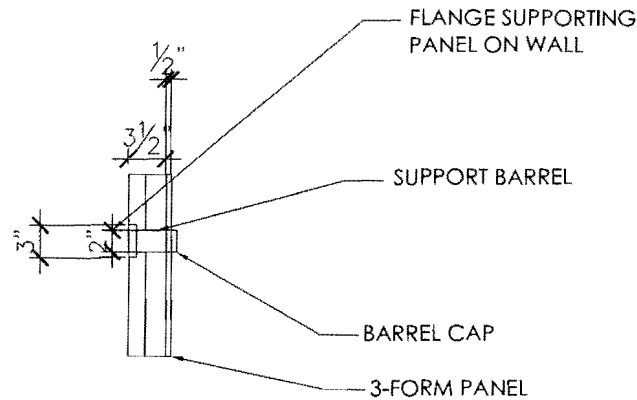
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VARIES

SHEET TITLE:
INTERIOR SECTIONS
AND PARTITION TYPES

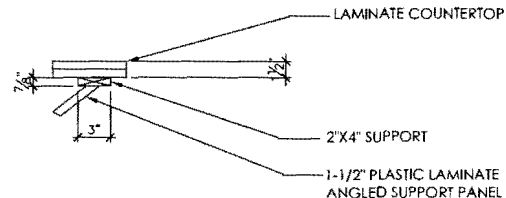
A6.3



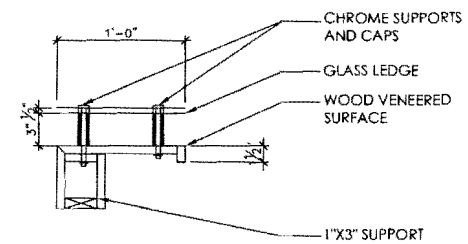
A7
1 PARTITION TYPE, POCKET DOOR
SCALE: 1-1/2" = 1'-0"



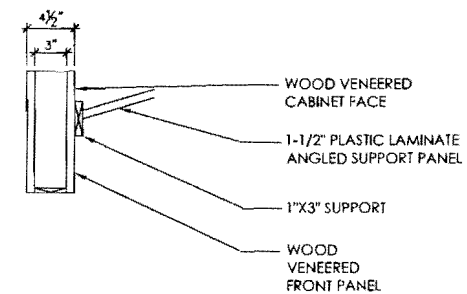
A7
2 WALL-MOUNTED RESIN PANEL DETAIL
SCALE: 1-1/2" = 1'-0"



A7
4 RECEPTION DESK DETAIL
SCALE: 1-1/2" = 1'-0"



A7
3 RECEPTION DESK DETAIL
SCALE: 1-1/2" = 1'-0"



A7
5 RECEPTION DESK DETAIL
SCALE: 1-1/2" = 1'-0"



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L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

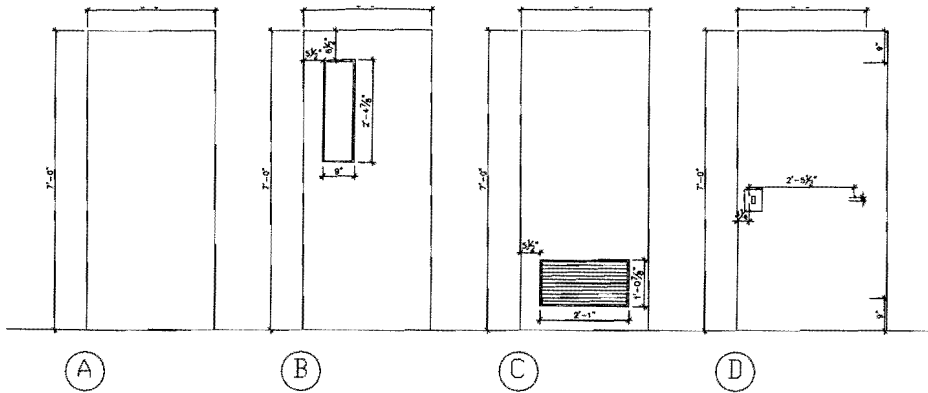
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1 1/2" = 1'-0"

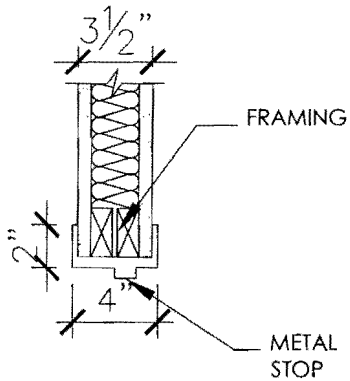
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INTERIOR PARTITION
TYPES AND DETAILS

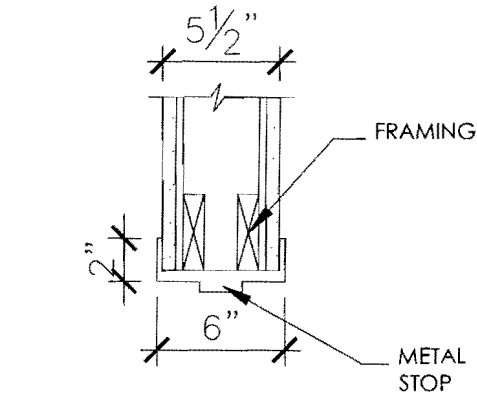
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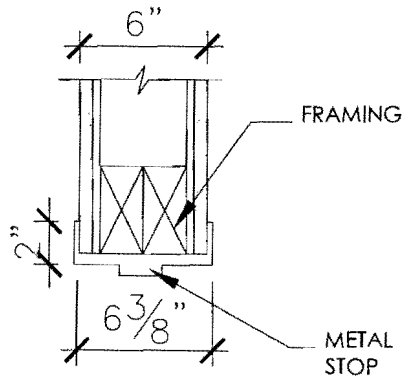
A8
1 DOOR ELEVATIONS
SCALE: 1/2" = 1'-0"



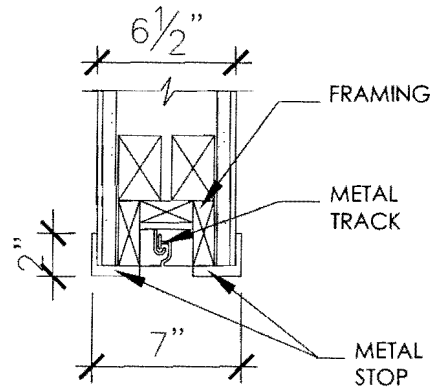
A7
2 HEAD DETAIL DOOR A
SCALE: 3" = 1'-0"



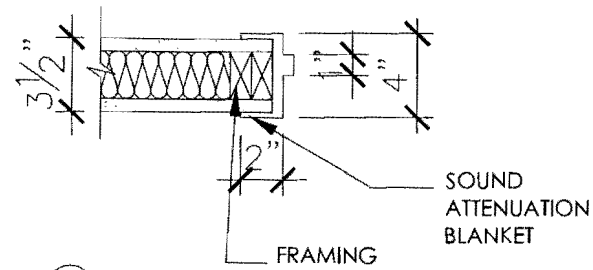
A7
3 HEAD DETAIL DOOR B
SCALE: 3" = 1'-0"



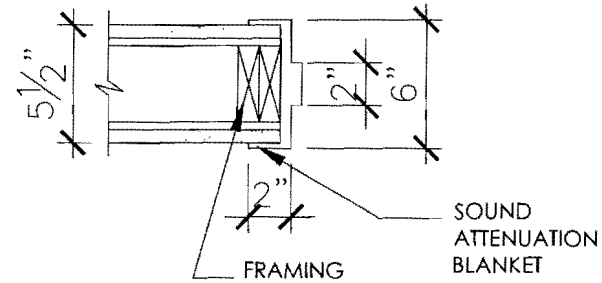
A7
2 HEAD DETAIL DOOR C
SCALE: 3" = 1'-0"



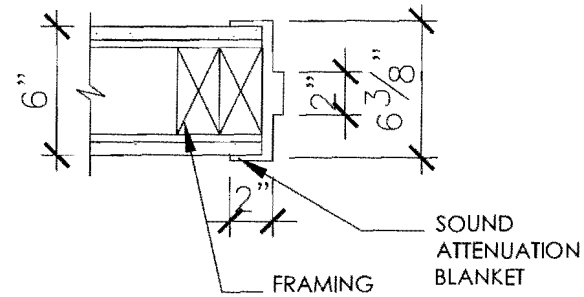
A7
2 HEAD DETAIL DOOR D
SCALE: 3" = 1'-0"



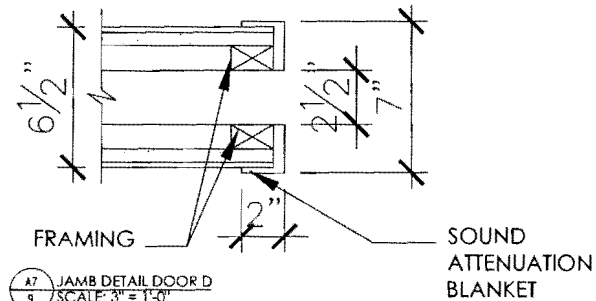
A7
6 JAMB DETAIL DOOR A
SCALE: 3" = 1'-0"



A7
7 JAMB DETAIL DOOR B
SCALE: 3" = 1'-0"



A7
8 JAMB DETAIL DOOR C
SCALE: 3" = 1'-0"



A7
9 JAMB DETAIL DOOR D
SCALE: 3" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

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KOKOMO, INDIANA 46902

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05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1 1/2" = 1'-0"

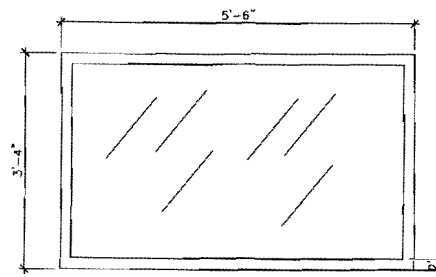
SHEET TITLE:

DOOR ELEVATIONS
AND DETAILS

A8.1

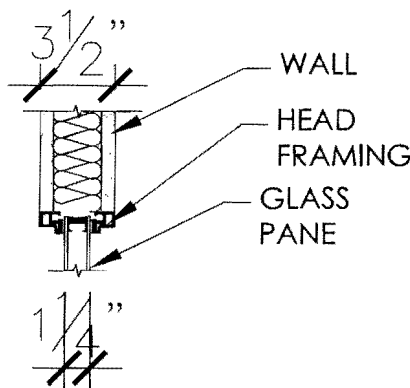
14 of 23

Tag #s	Size			Frame		Details		
	Width	Height	Thickness	Material	Elevation	Head	Jamb	Door Glass
1	Double 3'-0"	7'-0"	1-3/4"	Glass	Exterior			Tempered
2	Double 3'-0"	7'-0"	1-3/4"	Glass	Exterior			Tempered
3	3'-0"	7'-0"	1-3/4"	Oak	B	B	B	Tempered
4	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
5	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
6	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
7	3'-0"	7'-0"	2"	Oak	A	A	A	N/A
8	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
9	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
10	3'-0"	7'-0"	2"	Oak	D	A	A	N/A
11	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
12	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
13	3'-0"	7'-0"	1-3/4"	Oak	B	B	B	Tempered
14	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
15	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
16	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
17	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
18	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
19	3'-0"	7'-0"	1-3/4"	Oak	B	B	B	Tempered
20	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
21	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
22	3'-0"	7'-0"	1-3/4"	Oak	C	C	C	N/A
23	3'-0"	7'-0"	1-3/4"	Oak	C	C	C	N/A
24	3'-0"	7'-0"	1-3/4"	Oak	B	B	B	Tempered
25	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
26	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
27	3'-0"	7'-0"	1-3/4"	Oak	B	B	B	Tempered
28	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
29	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
30	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
31	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
32	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
33	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
34	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
35	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
36	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
37	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
38	3'-0"	7'-0"	1-3/4"	Oak	A	A	A	N/A
Totals								
Door A								26
Door B								9
Door C								2
Door D								3
Exterior								41

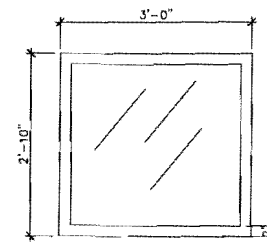


1

AB.2 WINDOW ELEVATIONS
1 SCALE: 3/4" = 1'-0"

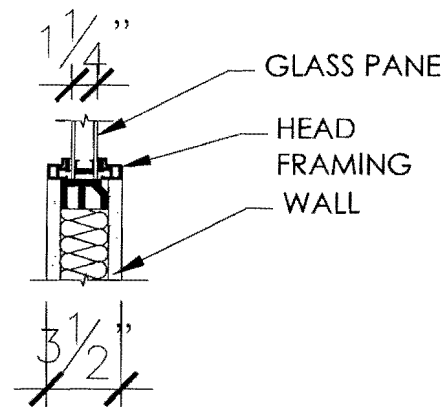


AB.2 WINDOW HEAD DETAIL 1 & 2
2 SCALE: 3" = 1'-0"



2

AB.2 WINDOW SILL DETAIL 1 & 2
3 SCALE: 3" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LAM DESIGN ASSOCIATES

SCALE:

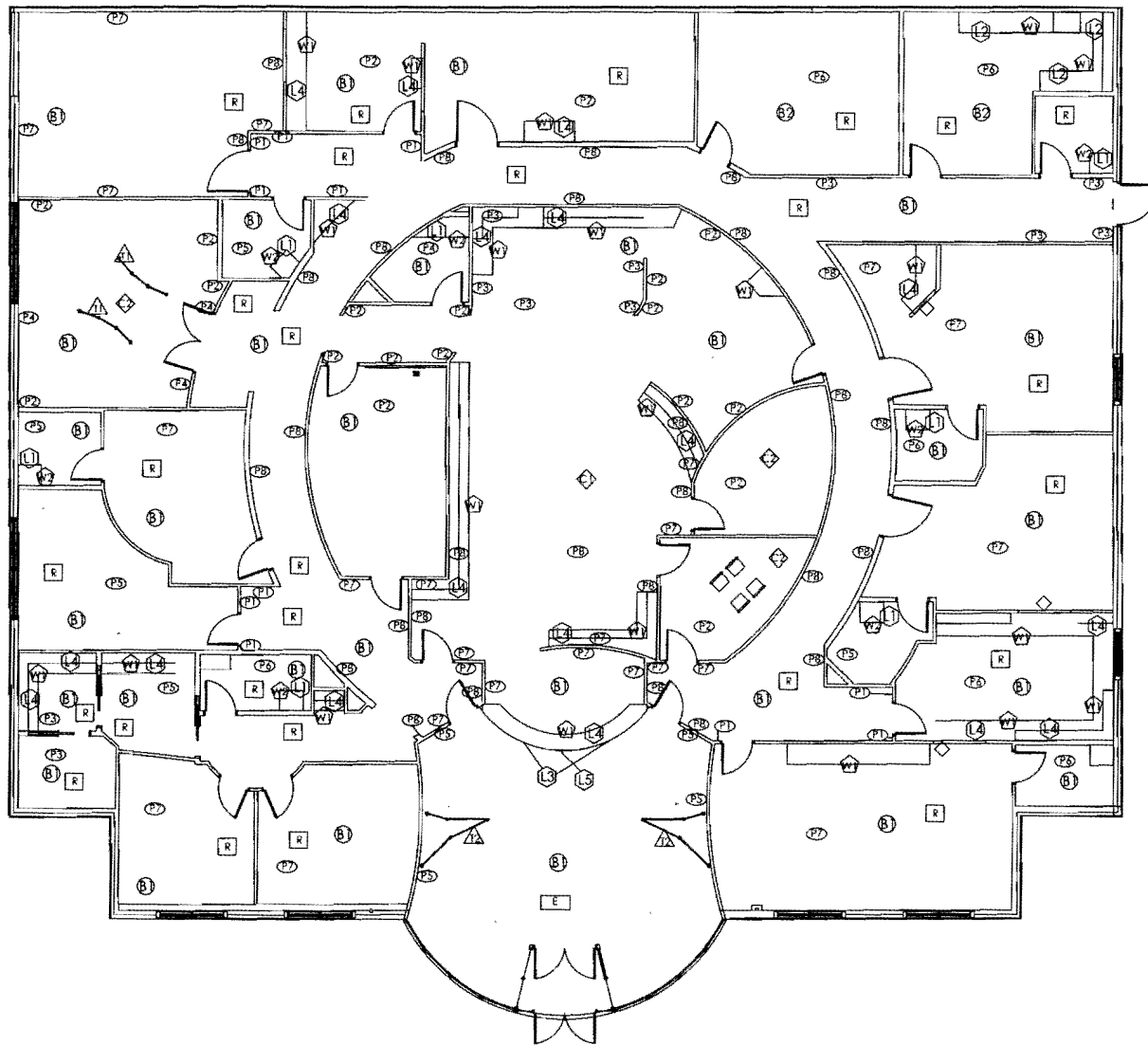
1 1/2" = 1'-0"

SHEET TITLE:

DOOR AND WINDOW
SCHEDULE AND
WINDOW DETAILS

A8.2

15 of 23



FINISH PLAN NOTES

- ◇ CARPET
- TILE*
- RESILIENT FLOORING*
- WALL BASE AND ACCESSORIES
- PAINT
- △ RESIN PANELS
- ◻ WOOD CASEGOODS
- ◻ LAMINATE SURFACES

*EXACT PATTERN SPECIFIED ON FLOOR FINISH PATTERN SHEET



ADVANCED MEDICAL IMAGING RE-DESIGN

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KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1" = 1'-0"

SHEET TITLE:

FINISHES
PLAN

A9.1

16 of 23



Advanced Medical Imaging Kokomo, Indiana					
Tags	Type	Manufacturer	Style	Colorway	Use
	Carpet				
C1		Blueridge	Duke's Creek D990	2404 Catch and Release	Open Office area
C2		Mannington	Boardroom	President	Dr. Office, Mgr. Office, Consult room
C3		Interface			
	Resilient Flooring				
R1		Armstrong	Medintech	Oatmeal 88412	Exam rooms, Utility rooms
R2		Armstrong	Medintech	Moss 88460	Exam Rooms
R3		Armstrong	Medintech	Natural Grey 88464	Exam Rooms, Laundry
R4		Armstrong	Timberline	Medium Oak 37004	Corridor
R5		Armstrong	Timberline	Medium Wenge 37022	Corridor
	Tile Flooring				
E1		American Olean	Vintage Stone	Champagne TU52	Lobby
E2		American Olean	Vintage Stone	Rhine TU53	Lobby
	Resilient Wall Base & Accessories				
B1		Johnsonite	Silhouette base	Canvas 11	Throughout , except Utility, Laundry
B2		Johnsonite	Standard base	Canvas 11	Utility, Laundry
	Painting				
P1		Sherwin Williams		Wool Skeine 6148	
P2		Sherwin Williams		Relaxed Khaki 6149	
P3		Sherwin Williams		Universal Khaki 6150	
P4		Sherwin Williams		Chamomile 6399	
P5		Sherwin Williams		Lucent Yellow 6400	
P6		Sherwin Williams		Halcyon Green 6213	
P7		Sherwin Williams		Honeydew 6248	
P8		Sherwin Williams		Majolica Green 0013	
	Resin Panels				
T1		3 Form	Varia, 1/2" thick	Texture, Freeze	Dr. Offices
T2		3 Form	Varia, 1/2" thick	Organics, Mari Seamless	Lobby
	Wood Casework				
W1		Case Systems, Inc.	(Wilsonart substitute)	Brighton Walnut 7922	Reception, Exam Rooms
W2		Case Systems, Inc.	(Wilsonart substitute)	Manitoba Maple 7911	Restroom Casework
	Laminate Surfaces				
L1		Formica	Matte Finish	Concrete Stone 7267	Restroom Countertops
L2		Formica	Matte Finish	Tuscan Marble 7736-58	Laundry
L3		Formica	Polished Finish	African Limba 7011	Reception Desk
L4		Formica	Matte Finish	Carrara Envision 7494-58	All countertops except Laundry, Restrooms
L5		Chemetal	Polished Finish	Pewter Vines 264	Reception Desk



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:
00001

DATE:
05-01-08

DRAWN BY:
L.A.M.

DESIGN FIRM:
L.A.M. DESIGN ASSOCIATES

SHEET TITLE:
FINISHES
SCHEDULE

A9.2

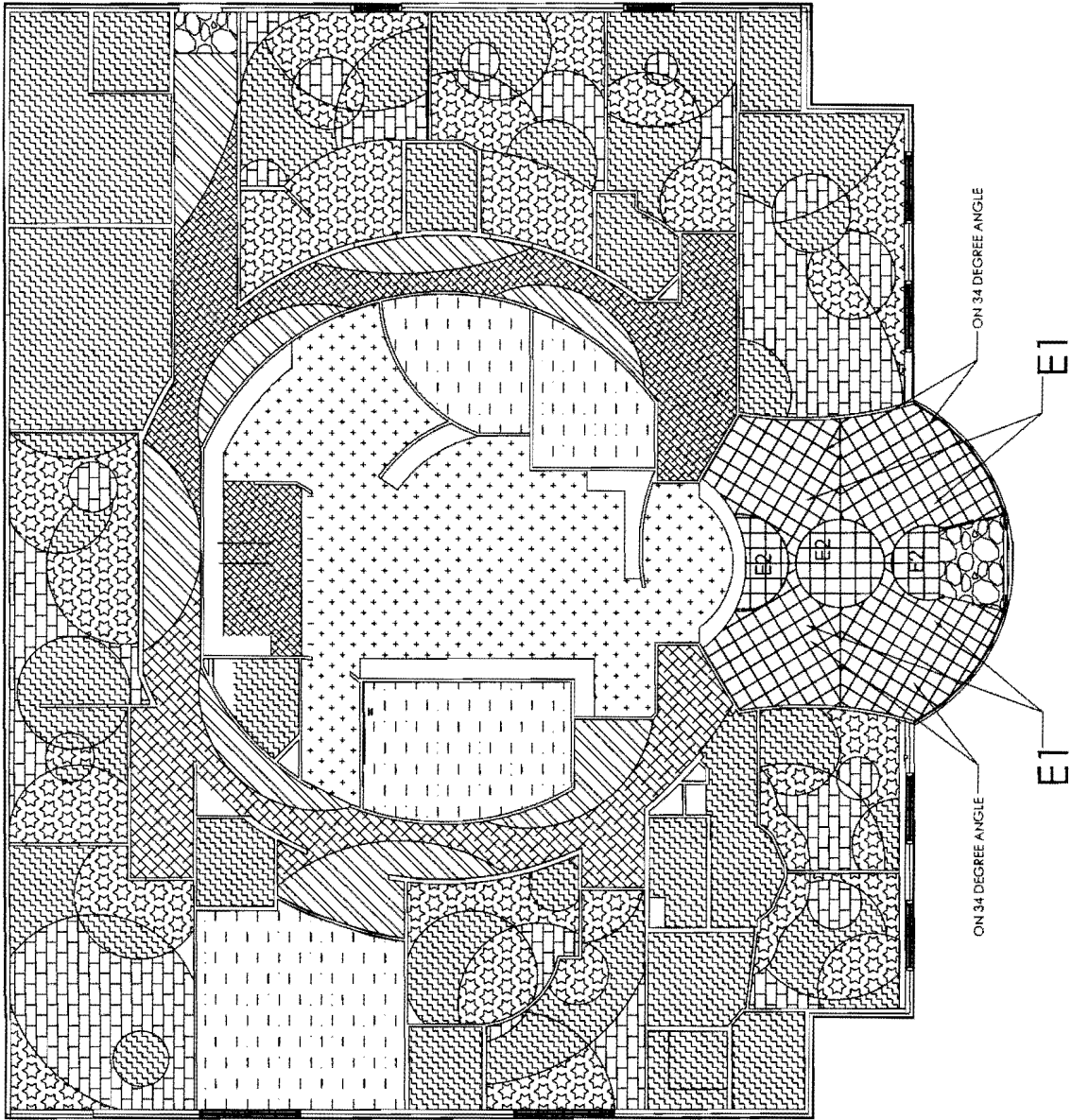
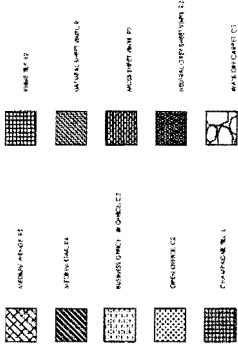


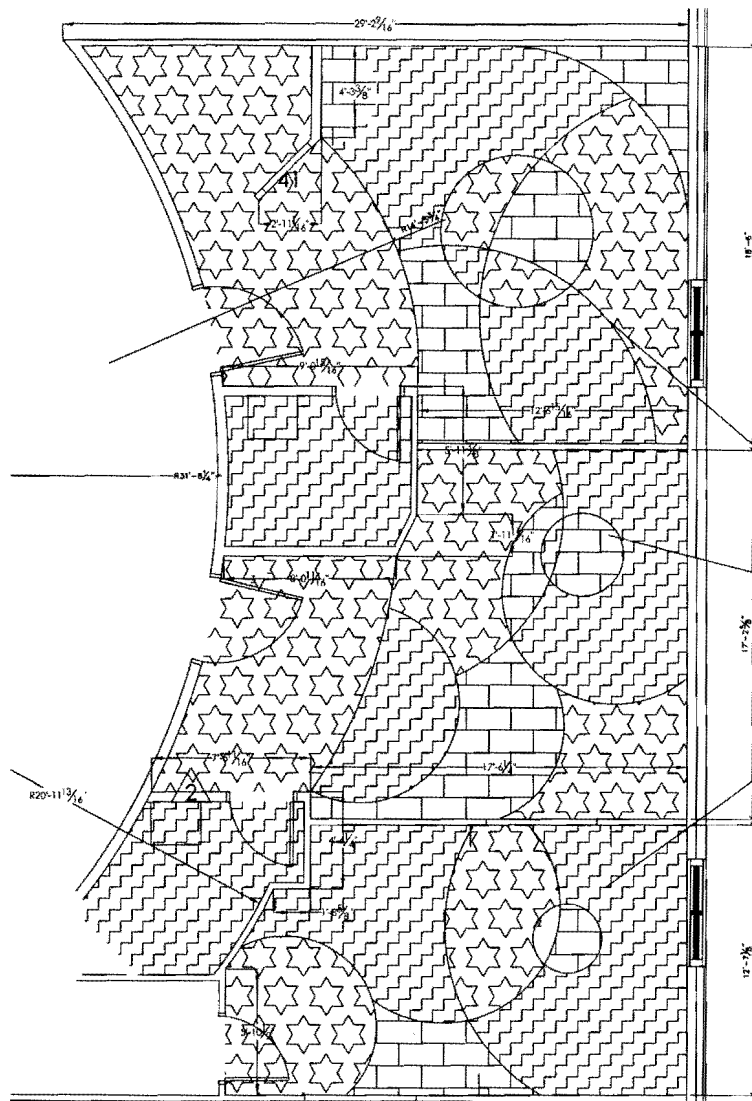
ADVANCED MEDICAL IMAGING RE-DESIGN
2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER: 00001
DATE: 05-01-08
DRAWN BY: L.A.M.
DESIGN FIRM: LAM DESIGN ASSOCIATES
SCALE: 1/8" = 1'-0"
SHEET TITLE: FLOOR PATTERNS

A9.3
18 of 23

FLOOR PATTERN NOTES





OATMEAL SHEET VINYL, R1



MOSS SHEET VINYL, R2



NEUTRAL GREY SHEET VINYL, R3

EXAMPLE OF RANDOM
FLOOR PATTERNS TO BE PUT
IN PLACE IN EXAM ROOMS

A9.4
1 ENLARGED FLOOR FINISH PATTERN
SCALE: 1/4" = 1'-0"



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1/4" = 1'-0"

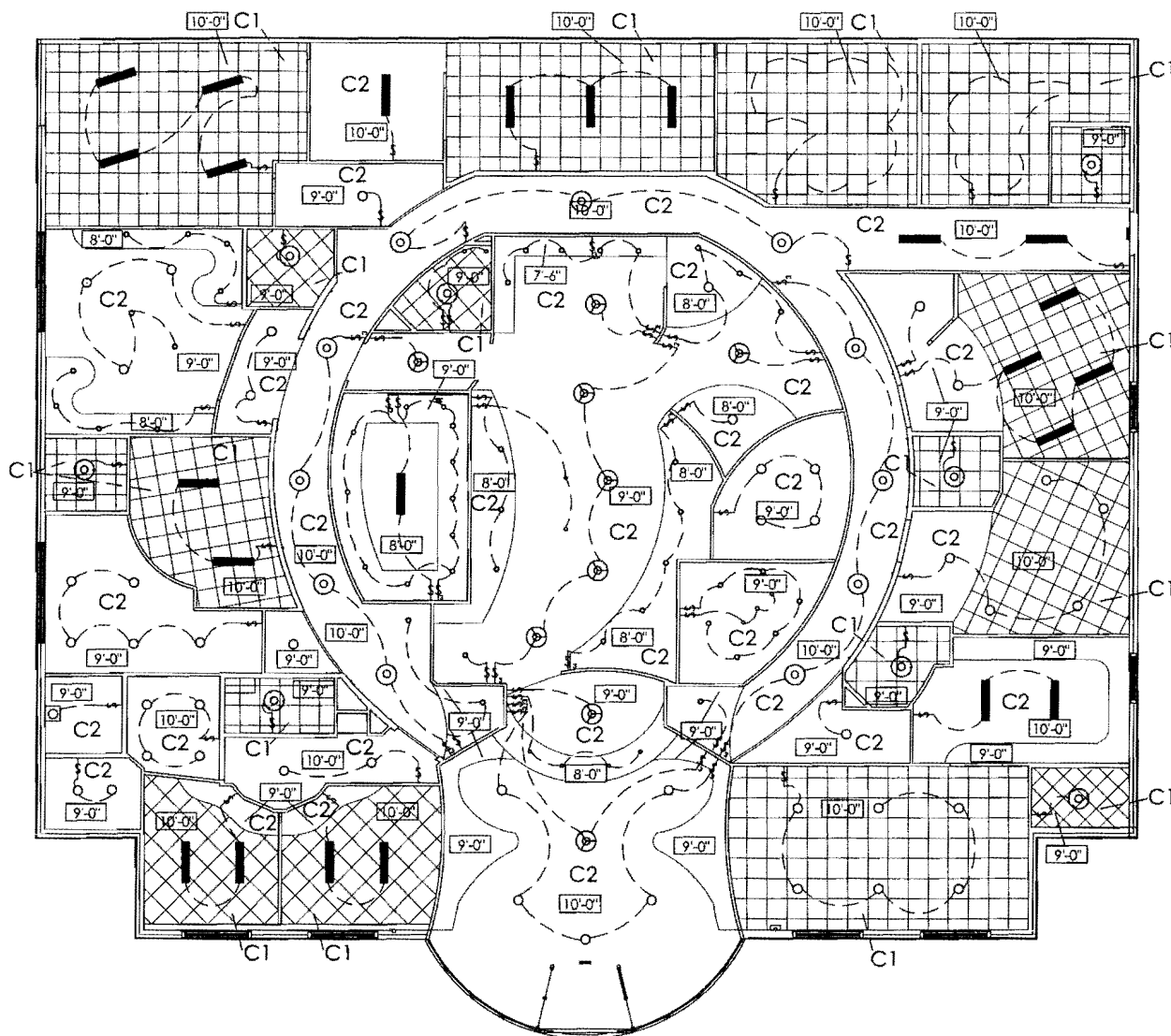
SHEET TITLE:

ENLARGED
FLOOR
PATTERNS

A9.4

19 of 23





REFLECTED CEILING AND LIGHTING PLAN NOTES

- 4" DECORATIVE PENDANT
- 11" SURFACE MOUNTED CYLINDER
- ⊙ 24" DOMIO SEMI-RECESSED
- ⊙ 24" DOMIO PENDANT
- ⊙ 24" LTC DOMIO PENDANT
- 6" RECESSED CAN LUMINAIRE
- 48" DIRECT/INDIRECT SUSPENDED LUMINAIRE
- 54" WALL MOUNTED LAMP
- 2' X 2' FLUORESCENT LAY-IN LUMINAIRE
- EXIT SIGNAGE
- ⊠ DARK ROOM LIGHT
- ▨ 2' X 2' ACOUSTICAL PANEL CEILING
- 8'8" CEILING HEIGHT
- ↓ SWITCH
- ⋈ THREE WAY SWITCH
- WIRING
- C1 GYPSUM CEILING BOARD
- C2 ACOUSTICAL PANEL CEILING



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

LAM

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1" = 1'-0"

SHEET TITLE:

REFLECTED
CEILING PLAN

E1.1

20 of 23



Manufacturer	Lighting Type	Series	Style Name	Style Number	Application	Mount	Lamp	Quantity
Prima	Pendant	Signature	Vindaloo	5276-C	General, Ambient	Monopoint	GY6.35/Xelogen 12V/50W	11
Beta-Calco	Compact Fluorescent		Pala	83 4002 FU/ 83 4102 SC	Task	Recessed Can	2x 26W PL-T	44
Beta-Calco	Compact Fluorescent		Domio	93 2191 DB	Ambient	Semi-Recessed	2x26 W PL-T	8
Beta-Calco	Fluorescent		Domio A.S.A.P.	20 2402 FB	General	Pendant	4x26W PL-T	9
Beta-Calco	Fluorescent		LTC Domio	57 1103 TC-T	General	Pendant	4x26W TC-T	11
CSN Lighting	Incandescent	Progress Lighting	8" Step Baffle	P6625-30	Task/Spot	Recessed Can	75Par30	47
Lamar Lighting	Direct/Indirect Suspended	DR	Durado	DR332TEB1	General	Surface	120 V 32 T8	23
io Lighting	LED	1.5	Line	10E3K4510015423	Accent	Wall	120 V with dim	13
Lamar Lighting	2'x2' Fluorescent	SB		SB21722E81PA	General	Ceiling	F17T8	14
Pegasus Associates Lighting	LED		Edge-Lit LED Exit Sign	IPLEXTEU-1GCAEM	Specialty	Ceiling	3 W 120 V	2
Electronic Microscopy Sciences	Specialty		Pro-Size 10'x12' Safelight	74320-OC	Dark Room	Wall	25 Watt	1
							Total	183



ADVANCED MEDICAL IMAGING RE-DESIGN

2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LAM DESIGN ASSOCIATES

SHEET TITLE:

LIGHTING
SCHEDULE

E1.2



ADVANCED MEDICAL IMAGING RE-DESIGN
2008 WEST BOULEVARD
KOKOMO, INDIANA 46902

PROJECT NUMBER:

00001

DATE:

05-01-08

DRAWN BY:

L.A.M.

DESIGN FIRM:

LM DESIGN ASSOCIATES

SCALE:

1" = 1'-0"

SHEET TITLE:

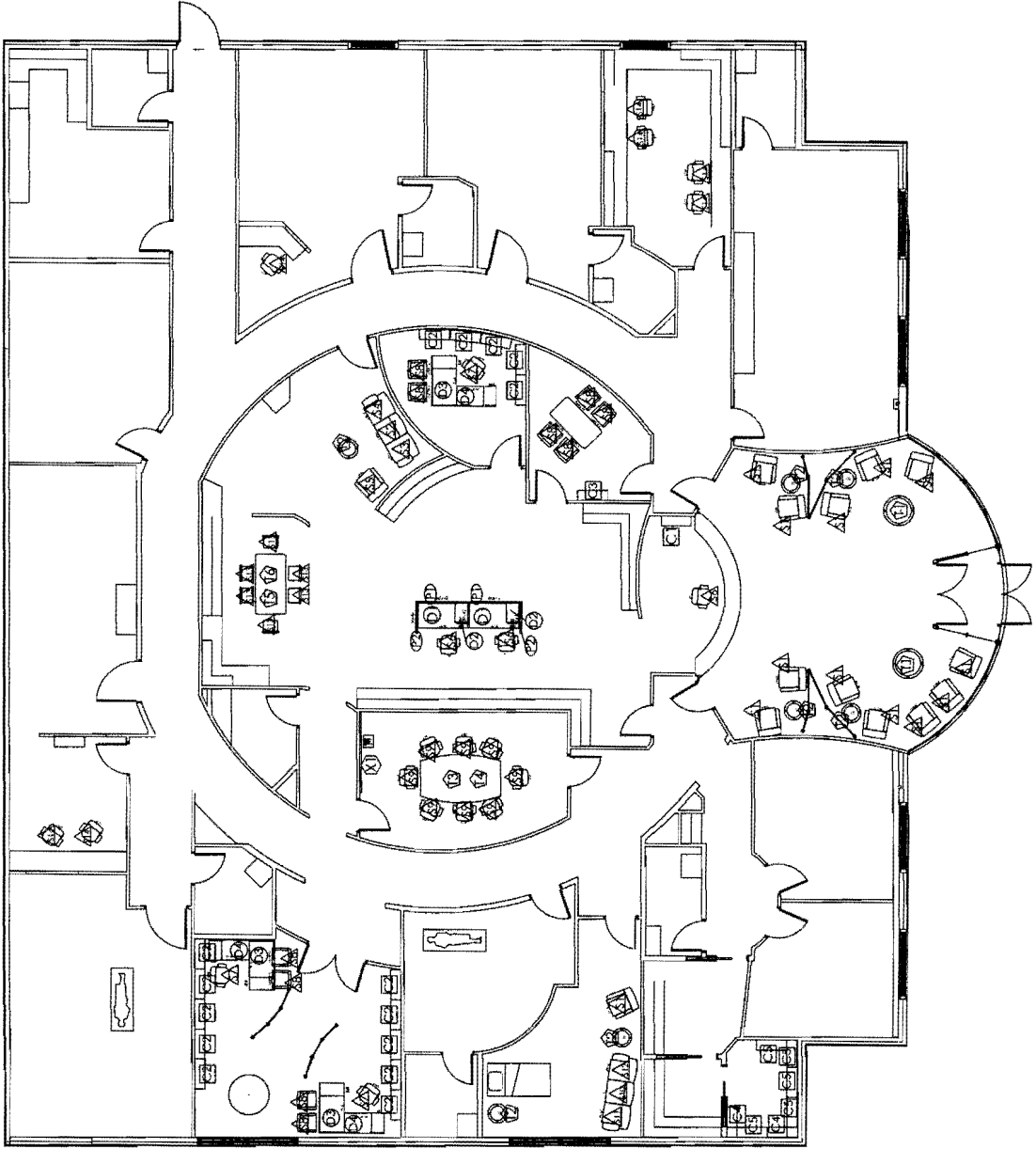
FURNITURE
PLAN

F1.1

22 of 23

FURNITURE PLAN NOTES

- ⊕ BED, EXISTING
- ⊞ CABINETS/BOOKCASES
- ⊙ DESKS
- ⊞ PANELS
- △ SEATING
- ⊞ TABLES
- ⊗ DISPLAY BOARD



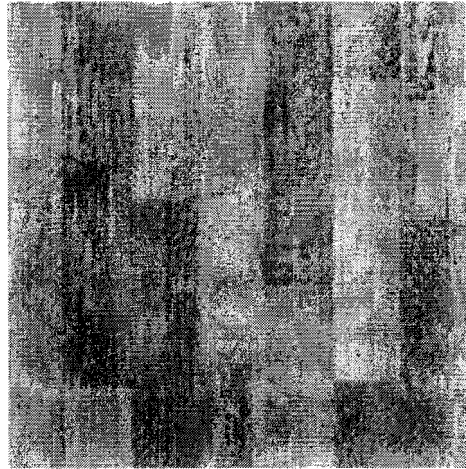
Finish Specifications - Advanced Medical Imaging

Colorway:
Medium Oak

Style:
Timberline

Manufacturer:
Armstrong

Tag #: R4



Description:
To be used in corridor, pattern

Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Medium Wenge

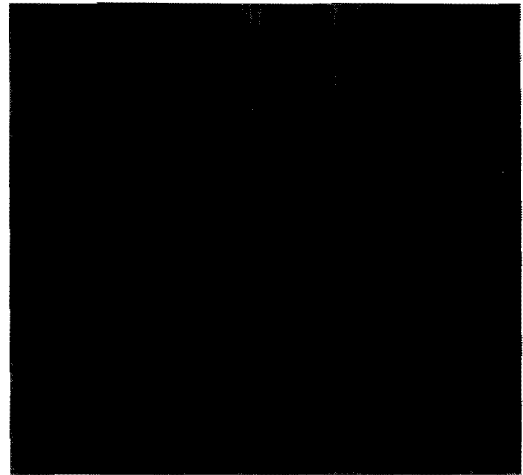
Style:

Timberline

Manufacturer:

Armstrong

Tag #: R5



Description:

To be used in corridor, pattern

Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Oatmeal 88412

Style:

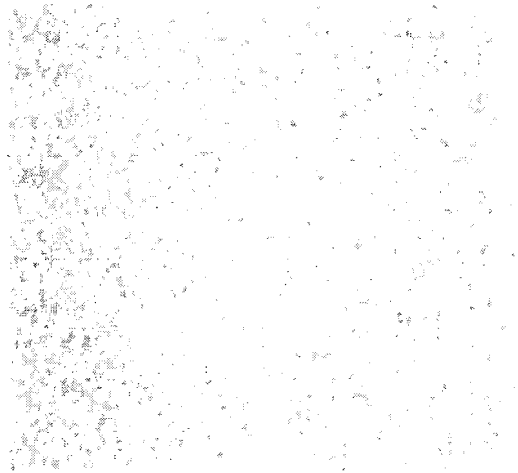
Medintech

Manufacturer:

Armstrong

Tag #: R1**Description:**

To be used in exam rooms, utility rooms



Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Moss 88460

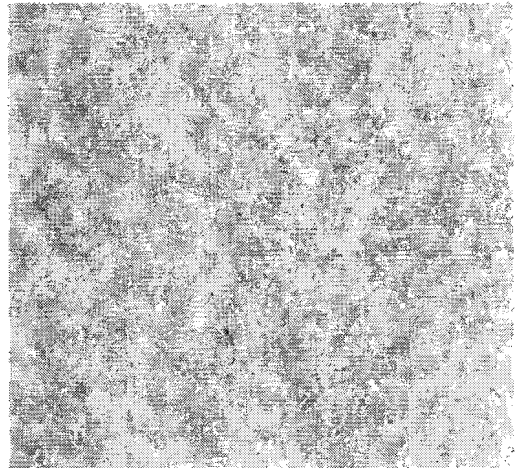
Style:

Medintech

Manufacturer:

Armstrong

Tag #: R2



Description:

To be used in exam rooms

Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Natural Grey 88464

Style:

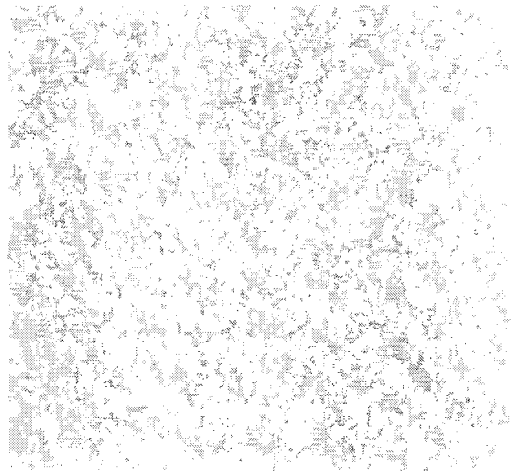
Medintech

Manufacturer:

Armstrong

Tag #: R3**Description:**

To be used in exam rooms, laundry room



Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

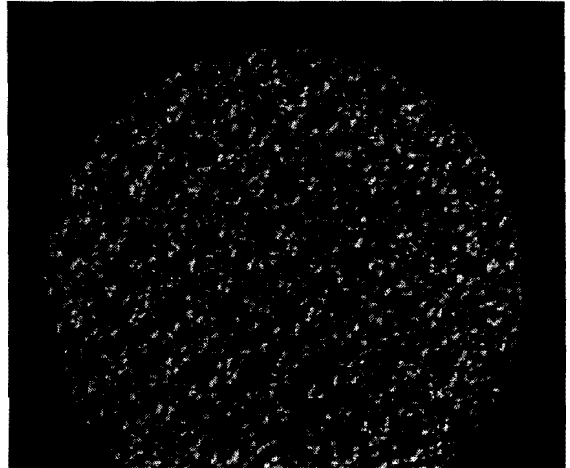
Catch and Release 2404

Style:

Duke's Creek D990

Manufacturer:

Blueridge

Tag #: C1**Description:**

To be used in open office area

Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:
President

Style:
Boardroom

Manufacturer:
Mannington

Tag #: C2



Description:
To be used in doctors' office,
manager office, consult room

Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Canvas 11

Style:

Diplomat

Manufacturer:

Johnsonite

Tag #: B1**Description:**

To be used throughout facility,
except for laundry, restrooms,
and utilities



Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Canvas 11

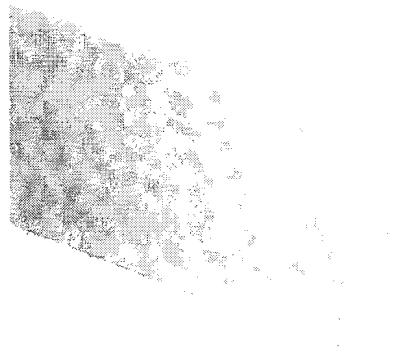
Style:

Standard Toe

Manufacturer:

Johnsonite

Tag #: B2



Description:

To be used in laundry, utilities

Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:
London Fog

Style:
Bliss

Manufacturer:
DesignTex

Description:
To be used in open office sitting
area, task chairs; refer to furni-
ture schedule



Additional Information:

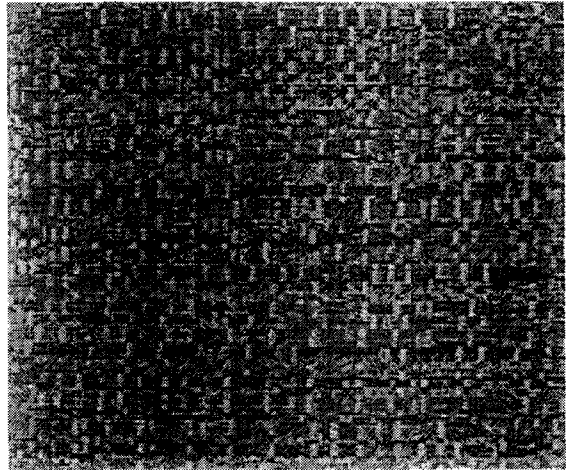
Finish Specifications - Advanced Medical Imaging

Colorway:
Prairie Dust

Style:
Bliss

Manufacturer:
DesignTex

Description:
To be used on task chairs; refer
to furniture schedule



Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Savanna

Style:

Bliss

Manufacturer:

Designtex

Description:

To be used in lobby sitting area,
task chairs; refer to furniture
schedule



Additional Information:

Finish Specifications - Advanced Medical Imaging

Colorway:

Toast

Style:

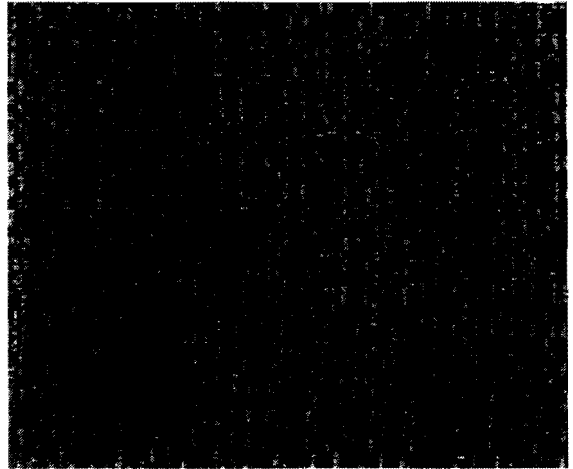
Bliss

Manufacturer:

Designtex

Description:

To be used on task chairs; refer
to furniture schedule



Additional Information:
